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Autumn Catalog 1926

BULBS, ROSES
SHRUBS
PLANTS
TREES and
Rockery Perennials



*Retail Stores 187-6th St.
and 180 Front St.
Mail Orders and
Warehouse
East 1st and Alder
Streets
PORTLAND OREGON*

Important—Please Read Carefully

This is not our complete annual catalog (which we issue the first of the year) but is our autumn catalog, devoted principally to Bulbs, Roses, Rockery Perennials and Shrubs, with an abridged list of trees and vines. Write for our annual catalog and special information when you are interested in any of the following items:

Oats, Wheat, Field Seeds, Vegetable and Flower Seeds, Seed Potatoes, Garden Tools, Florists' Supplies, Poultry, Bee and Dairy Supplies

PARCEL POST RATES

Seeds and plants weighing 8 oz. or less are available at 1 cent for each 2 oz. or fraction thereof, regardless of zone. Packages weighing over 8 oz. are charged at ZONE rates. Weight limit, 70 lbs. 1st and 2nd zones, 50 lbs. 3rd to 8th zones.

1st lb. or
fraction thereof or
Ea.add.lb.
fraction

Zone	Distance	1st lb. or fraction thereof	Ea.add.lb. fraction
1st-2nd zone..	to 150 mi.	\$0.07	\$0.01
3rd zone	150 to 300 mi.	.08	.02
4th zone	300 to 600 mi.	.09	.04
5th zone	600 to 1000 mi.	.10	.06
6th zone	1000 to 1400 mi.	.11	.08
7th zone	1400 to 1800 mi.	.13	.10
8th zone	Over 1800 mi.	.14	.12

The 8th zone rate applies to Alaska, Hawaii, the Philippines and Shanghai, China, with 20 lb. weight limit, and to Canada, Mexico, Cuba and Panama, when over 4 oz. and not exceeding 4 lb. 6 oz. Twenty lbs. can be sent to Mexico and Panama as Foreign Parcel Post.

WHEN TO ORDER—We issue this catalog in September, but your order placed at any time will go forward in season, as follows:

FLOWERING BULBS—Begin to arrive in September, deliveries being complete by December 1st, except Cannas, Dahlias, Gladioli, etc., which are not ready until after February 1st.

ROSES—Our large two-year-old field grown roses are ready for delivery from November 15th until May. The earlier you set them the better they will grow.

FRUIT, SHADE AND ORNAMENTAL TREES AND SHRUBS—We ship these from November until May and recommend fall and early spring planting. If you do not want to plant on arrival, dig a trench and "heel" your trees in. If the ground is frozen, put them in a cellar and keep the roots damp.

In common with all other responsible seed houses, we sell our goods subject to the disclaimer adopted by the American Seed Trade Association.

DISCLAIMER NOTICE—We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, nursery stock, roots or plants we sell, and will not be in any way responsible for the crop.

PORTLAND SEED CO.

PALMS, POT AND HOUSE PLANTS—Palms and plants should be potted as soon as possible after arrival and watered well for a day or two so as to settle the earth around the little fibrous roots.

ORDER EARLY—It helps us to please you.

COMPLAINTS OR PRAISES—If our goods and treatment please you, tell others; if anything is wrong, tell us quickly, so that we can make it right. Our best efforts will be given to filling all orders in a satisfactory manner.

WE NEVER SUBSTITUTE without permission from our customer. But as many items are sold out as the season advances, we will, when requested, substitute varieties of equal merit maturing about the same season, but always labeled true to name.

SHIPPING CHARGES—Flowering bulbs are prepaid at catalog prices to points in the United States within the 4th zone from Portland. Alaska, Canadian and foreign postage extra. All other items f.o.b. nursery unless otherwise stated.

HOW TO REMIT—Send money order, bank draft or registered letter. Include sufficient to pay transportation if shipment is to prepay station or by parcel post. Perishable goods are not sent C.O.D. Please include remittance with order.

PRICES subject to market changes, although we make no advances unless it seems absolutely necessary. If prices go down, however, we give you the benefit.

HOW DO YOU WANT YOUR ORDER SHIPPED? Your order will be shipped any way you wish—by express, parcel post or freight. If you are in doubt about the best way to have your order sent, leave it to us. We will ship it in the most economical way.

Song Birds and Pets

Your desires and needs in the line of song birds, cages, bird foods and remedies, dog and pet foods and remedies, gold fish foods, can be well cared for from our complete stocks. Write for information and catalog.

PORTLAND SEED CO.



PORTLAND, OREGON

TRADE MARK

Bulb Planting Tables • Index •

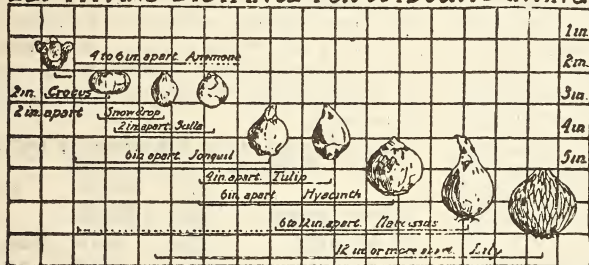
Number of Bulbs Required for Planting Different Sized Beds of Tulips or Hyacinths

Everyone can afford a bed of flowering bulbs. They bloom so early, make such handsome and showy displays and require so little care that their general use is increasing each year. The best effect in bulb beds is obtained by planting to solid colors, but if variety is wanted we would not advise you to select over two or three colors. Too many colors spoil the whole effect. A very satisfactory way is to plant a solid center with one or two of the outer rows of another color; a pleasing effect is obtained by dividing the bed into four sections, planting each in a separate color. As the circular bed is the most popular and satisfactory, we use it as a basis to figure on. In ordering bulbs for the mixed beds and for the number contained in the two outer rows of different sized beds refer to table below.

Diameter of Bed	Total No. Bulbs Required		No. Bulbs Required for Two Outer Circles Only	
	Tulips	Hyacinths	Tulips	Hyacinths
3 feet	64	36	50	31
4 feet	113	50	87	45
5 feet	177	80	87	57
6 feet	254	120	104	69
7 feet	346	160	122	82
8 feet	452	210	140	95
9 feet	573	270	160	110
10 feet	707	330	180	120

NOTE—Plant Tulips four inches apart in the rows and rows four inches apart. Hyacinths six inches apart and rows six inches apart. Narcissi same as Hyacinths. For Crocus, Snowdrops, etc., plant double the number of Tulips. See chart below.

DEPTH AND DISTANCE FOR OUTDOOR PLANTING



Fruit and Berry Growers Tables

Distances Recommended for Planting

Apples .....25 to 40 ft. ea. way	Currants .....5 ft. x 3 ft.
Pears .....20 to 35 ft. ea. way	Gooseberries .....5 ft. x 3 ft.
Quince .....15 ft. each way	Strawberries (hills) .....36 in. x 18 in.
Peaches .....18 to 24 ft. ea. way	(matted rows) .....48 in. x 12 in.
Plums .....15 to 20 ft. ea. way	Grapes .....8x8 to 10x12 ft.
Cherries .....25 to 40 ft. ea. way	Asparagus .....4 ft. x 1 ft.
Blackberries .....6 ft. x 4 ft.	Rhubarb .....4 ft. x 2 ft.
Raspberries .....6 ft. x 3 ft.	

Number of Plants Per Acre at Various Distances

In planting trees the greater distance should be given in the richer soils

Distance apart	Sq. each way	Method	Triangular	Distance apart	Sq. each way	Method	Triangular
1 foot	43,560		50,800	15 feet	193		223
2 feet	10,890		12,575	16 feet	170		196
4 feet	2,722		3,143	20 feet	108		125
6 feet	1,210		1,397	25 feet	70		81
9 feet	537		620	30 feet	48		55
10 feet	435		502	40 feet	27		31

An easy rule for determining number of plants or trees, per acre or plot: Multiply the distance in feet between rows by the distance between plants, and divide the square feet in the plot by this result. Illustration: Rhubarb, 4 ft. x 2 ft.—8 ft.; 8 into 43560 ft. (acre)—5445 plants.

PLEASE NOTE — In this index the Perennial Rockery Plants are not listed separately as they are in alphabetical order in their department and easy to find. This also applies to shrubs and trees. This catalog is small and convenient and we hope our friends will read through every page. Many new varieties are described in which you will be interested.

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Write for Complete Annual Catalog. It will be ready Jan. 1.

PORTLAND SEED CO. PORTLAND, OREGON





Hyacinths

"Sprung from the blood of Hyacinthus, the youth beloved of Apollo" is the fabled origin of these graceful waxlike flowers.

Folks of ancient days almost worshiped flowers as dieties; now they love them as friends, and none are more loved than the hyacinths. From early winter to late spring they give us companionship when other flowers are asleep. We delight in offering hyacinth bulbs of high quality at "quantity affording" prices. **Our named varieties** have massive spikes of bloom of the most beautiful shades, from white through blush to pink, rose and deepest red, from delicate porcelain blues to blue black and from cream to yellow, apricot and orange.

Our Top Grade. For those who want to produce exhibition blooms of the grandest size and finest quality. Extra choice, large, round, solid bulbs, secured from our Holland growers. Excellent for forcing and pot culture.

Our A Grade. The most popular grade, lower in cost and of wonderfully fine quality. Especially for bedding as well as pot culture.

Our B Grade. An especially desirable quality for those wanting to have an abundance of plants and not requiring the largest exhibition blooms.

A trial will prove that each grade is far above the average for the price.

PRICES FOR ALL HYACINTH BULBS SINGLE OR DOUBLE

	Each	Dozen	100
Top Grade . . .	30c	\$3.25	
A Grade	25c	2.75	\$22.00
B Grade	20c	2.25	18.00

Prices postpaid to fourth zone. Beyond fourth zone add additional postage.

RED AND PINK, SINGLE

General De Wet (Pink Grand Maitre). A bright pink with a lighter center, large erect spikes, good size balls, excellent for forcing or bedding.

General Pellisier. Brilliant carmine, compact spike; an early forcer.

Gertrude. Fine rosy pink; large flowers; for forcing or bedding.

Gigantea. Blush pink; giant spikes.

Lady Derby. Lovely rose pink, large compact trusses. For forcing or bedding.

La Victoire. Brilliant carmine red, forces early, extra fine.

Marconi. Bright deep rose, broad trusses; a good forcer; also fine out doors.

Moreno. Wonderful pink; very large spikes and bells; forces easily.

Queen of Pinks. An exhibition variety; lovely pink; large, broad trusses; fine for late forcing.

(Continued on next page)

Bedding Hyacinths

100 for \$12.00

A superior grade of selected bulbs, especially for planting out doors for beds, borders or large displays; also very good for forcing. Single. **Distinct colors; pink, red, pure white, yellow, dark blue and light blue. Mention color.**

Each, 15c; dozen, \$1.60; 100, \$12.00.

Postpaid to fourth zone, inclusive.

PORTLAND SEED Co.  **PORTLAND, OREGON**



Hyacinth Bulbs • Diamond Quality • Continued [Prices on Page 4.]

VIOLET AND PURPLE, SINGLE

Lord Balfour. Dark lilac; broad, large truss, well set with large bells.
Sir William Mansfield. Bright purple; good large truss; the best of its color.

YELLOW, SINGLE

City of Haarlem. A wonderful bright orange yellow; well-formed spikes.
King of the Yellows. Brilliant golden yellow; tall, magnificent spikes; very fine for bedding.
Yellow Hammer. Pure golden yellow, exhibition variety, forces easily.

BLUE, SINGLE

Bismarck. A light sky blue; large truss; excellent for Christmas forcing.
Grand Maitre. Fine deep porcelain blue; very broad, well formed spike; very attractive for pots, as well as bedding.
King of the Blues. A deep glossy violet blue; large, compact spikes; for bedding and late forcing.
Perle Brilliant. A fine light blue with lavender tinges; extra large spikes with beautiful bells.
Queen of the Blues. Clear, light porcelain blue, with silvery sheen; large, handsome flower; well formed trusses.

PURE WHITE, SINGLE

Arentine Arendse. A wonderful pure waxy white; long spike with large bells. Early, fine for forcing and a good bedder.
La Grandesse. Extra fine snow white; large spike; an exhibition variety, recommended for late forcing, bedding.
L'Innocence. One of the earliest; pure white; compact spikes with large bells. Fine for pots or bedding; good forcer.
Madame Kruger. Charming pure white; very large spike and extra large bells; early and excellent for forcing; a good bedder.

DOUBLE HYACINTH Select Named Varieties

Large and beautiful flowers, although the spikes are not usually as full of bells as the single varieties.

Prices same as on the Single.

General Kohler. Bright blue; large spike; extra fine for forcing.
Goethe. Light yellow; strong spike; large, very double bells.
Isabella. Blue white; large spike, beautiful double bells.

Outdoor Culture. The preferable planting season is October, November and December, although good results may be obtained when planted somewhat later. Plant so tops of bulbs are 2 to 3 inches below the surface and 5 to 8 inches apart. Bed must be well drained so bulbs will not rot.

Indoor Culture in Pots. For winter blooming, plant from September to December, the earlier the better, one bulb to a 4-inch pot or three to a 6-inch, with top half inch below the surface. Cover with litter and keep in dark, cool cellar, watering well until roots are well established. This takes 4 to 6 weeks; after this the bloom is easily developed by giving light, heat and water. One can have flowers from Christmas to Easter by regulating time of bringing to light.

Culture in Glasses. When growing bulbs in water they should be placed so the base of bulb merely touches the water. Then place glass in a cool, dark place until filled with roots, after which bring into the light. Change the water every few days. Give as much fresh air as possible without draughts and keep in temperature of 60 degrees until spikes are well developed.

PORTLAND SEED CO. PORTLAND, OREGON



Single Early Tulips

EXTRA SELECT LARGE, SOLID BULBS

In masses or in small beds, tulips produce a very beautiful and striking effect. They are equally desirable as pot plants and are always sure to bloom. All single tulips force easily and some varieties may be had in flower by the end of the year. Any good garden soil will grow them to perfection and no bulb makes such a gorgeous display with so little care.

(The figures after each name indicate the average height. This will help in selecting for bedding.)

(Prices postpaid, including fourth zone; beyond that add for extra postage.)

WHITE, SINGLE

La Reine (8"). Pure white; the best white tulip for forcing and bedding. Each, 9c; dozen, 80c; 100, \$5.00.

White Hawk (10"). One of the finest pure white tulips in cultivation for forcing and bedding; flowers very large and of excellent substance. Ea. 11c, doz. \$1.15, 100 \$7.25.

YELLOW, SINGLE

Chrysolora (9"). Pure golden yellow; very early; large and fine; splendid for bedding. Ea. 12c, doz. \$1.15, 100 \$7.50.

Yellow Prince (9"). Sweet scented, bright yellow; one of the very best for forcing. Ea. 12c, doz. \$1.15, 100 \$7.50.

PINK, SINGLE

Pink Beauty (11"). Bright rosy pink, shaded to blush near the yellow center; has no equal in its class for size and beauty. Each, 18c; dozen, \$1.90; 100, \$12.25.

Rose Gris De Lin (7"). A beautiful pink. Each, 9c; doz., 80c; 100, \$5.25.

SCARLET, SINGLE

Artus (7"). Deep, brilliant scarlet; splendid for either forcing or bedding. Each, 9c; dozen, 75c; 100, \$5.00.

Belle Alliance (7"). Sweet scented; brilliant scarlet; large flower; excellent for forcing or bedding. Each 9c; doz., 90c; 100, \$6.00.

Prince of Austria (12"). Very sweet scented; bright orange vermillion outside, brilliant scarlet inside; for forcing and bedding. Each, 12c; dozen, \$1.15; 100, \$7.50.

Vermilion Brilliant (8"). Bright vermillion; of the largest and most beautiful flowers, forces easily and early, splendid for bedding. Each, 12c; dozen, \$1.25; 100, \$8.00.

VARIEGATED, SINGLE

Cottage Maid (9"). White with pink shaded border; extra fine; good bedder. Ea. 11c, doz. \$1.10, 100 \$7.00.

Keizerskroon (15"). Very large scarlet flower with bright yellow edge. Very showy; no other tulip makes such a handsome bed; also a good forcer. Each, 15c; dozen, \$1.55; 100, \$10.00.

SUPREME MIXED, SINGLE

Especially recommended for mixed beds; many varieties in all colors and shades, well mixed. Dozen, 55c; 100, \$3.50.

Culture. The culture of tulips is similar to hyacinths, except that the bulbs, being smaller, should not be planted quite so deep and 3 to 6 inches apart.

For Outdoors. Early or late planting does not seem to have much effect on tulips. They should be planted in fresh, rich soil. Two handfuls of bone meal per square yard and some sheep guano is beneficial. **For Indoors.** Plant about 4 bulbs to a 6-inch pan or pot, treating the same as hyacinths (see page 5).

PORTLAND SEED CO.



PORTLAND, OREGON



"Plant lots of Keizerskroon Tulips this year"

Finest Quality, 15c each; \$1.55 dozen; \$10.00 hundred

These wonderful big scarlet blooms with their bright yellow edges make a splendid showing in large circular beds; also in window and porch boxes. Be sure your order includes plenty of these bulbs for the pleasure they will give you.

Double Early Tulips

The double varieties are used mostly for outdoor planting, as they cannot be forced so early or readily as the single. They bloom a little later than the single and being double and full the blossoms last longer. When planted with singles they prolong the blooming of a bed several weeks.

Boule de Neige (Purity). A pure white, large peony-like flower, one of the earliest; forcing or bedding. Each, 12c; dozen, \$1.15; 100, \$7.50.

Couronne d'Or (8"). Golden yellow, flushed orange; magnificent in beauty and size; strong, upright stems; a fine forcer. Ea., 10c; doz., \$1.00; 100, \$6.50.

Murillo (8"). Delicate blush pink, decidedly the best for forcing, as well as for bedding and boxes; most popular of the doubles. Ea. 9c; doz. 80c; 100 \$5.25.

Vuurbaak. Dazzling scarlet; unusually large, very double flowers on strong stems; splendid bedder; best for forcing. Each, 15c; dozen, \$1.55; 100, \$10.

Mixed Double Early Tulips. For mixed beds, asstd. colors. Doz. 50c; 100 \$3.50.

Parrot Tulips

Parrot tulips have immense flowers of brilliant and varied colors, with the petals curiously fringed or cut. They are exceedingly showy and should be in every garden. Very effective when planted in long drifts in front of evergreens. Fine for cut flowers and for house decoration.

Admiral de Constantinople. Deep orange red, streaked with yellow; large size. Each, 10c; dozen, 90c; 100, \$5.50.

Lutea Major. Golden yellow, lightly suffused scarlet; extra large. Ea. 10c; doz. 90c; 100 \$5.50.

Mark Graaf. Rich orange inside, scarlet and yellow outside; feathered; extra fine. Each, 10c; dozen, 90c; 100, \$5.50.

Perfecta. Golden yellow, feathered with deep scarlet; unusually attractive. Ea. 10c; doz. 90c; 100 \$5.50.

PRICES ON BULBS POSTPAID, INCLUDING FOURTH ZONE; BEYOND THAT ADD ADDITIONAL POSTAGE.



PORTLAND SEED CO.



PORTLAND, OREGON

Giant Darwin Tulips

For outside planting they are most popular, being of giant size, with a majestic beauty distinctively their own; particularly valuable for garden and landscape effects.

The colorings of Darwin tulips are the most varied and brilliant and their immense globular flowers of perfect form and satiny, wax-like texture, long stems and keeping qualities make them ideal for cutting.

For the best effects plant in clumps or beds of 15 to 25 bulbs of a color, or in the foreground of shrubs, trees or walls. They prefer partial shade, but thrive wonderfully in any location. They flower in May.

Average height is mentioned after name.

Prices are postpaid, including fourth zone; beyond that include extra for postage.

WHITE, GIANT DARWIN

Painted Lady (28"). Creamy white, tinged soft heliotrope. The best white Darwin; splendid forcer. Each, 6c; dozen, 60c; 100, \$4.00.

PINKS AND LILACS, GIANT DARWIN

Baronne de la Tonnaye (26"). Vivid rose, margined blush rose. Ea. 8c; doz. 75c; 100, \$4.50.

Clara Butt (21"). Bright apple blossom pink, slightly flushed salmon rose; the most popular of all the Darwins; splendid for forcing and cut flowers. Ea. 8c; doz. 60c; 100, \$3.75.

Dream (27"). Soft lilac, flushed violet, blue base; extra large. Ea. 9c; doz. 80c; 100 \$5.00.

Gretchen (23"). Silvery pink, soft blush inside; large globular flower. Each, 8c; dozen, 60c; 100, \$3.75.

Massachusetts (26"). Vivid pink, edged rosy white, base white; large flower, superb for outdoors. Each, 9c; dozen, 80c; 100, \$5.50.

Madame Krelage (28"). Bright lilac rose, silvery margined, rose pink inside; long flower. Each, 9c; dozen, 80c; 100, \$5.25.

Nora Ware (20"). Silvery lilac, suffused with white; very lovely, and popular. Each, 8c; dozen, 70c; 100, \$4.50.

Rev. Ewbank (22"). Soft mauve, silvery edged; good size and a beautiful color. Each, 9c; dozen, 80c; 100, \$5.00.

William Copeland (24"). Bright rose lilac; medium size, but very early forcing. Each, 9c; dozen, 80c; 100, \$5.00.

SCARLETS, GIANT DARWIN

Bartignon (28"). Dazzling scarlet, white base, deep blue ringed; strong stem, large shapely flower of good substance; one of the best forcing. Ea. 10c; doz. 95c; 100 \$6.00.

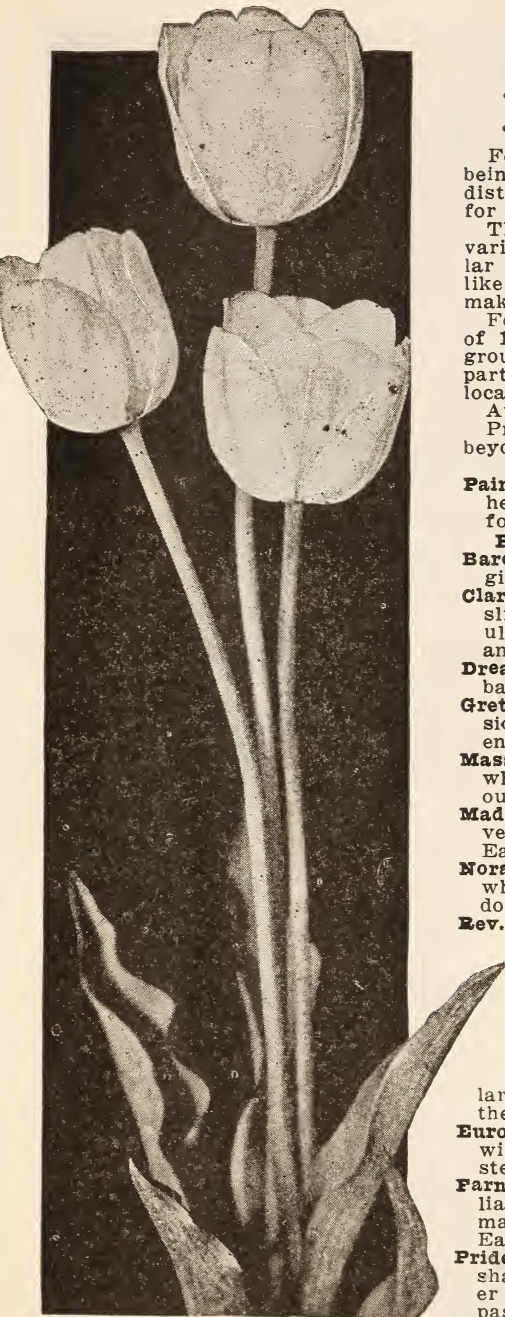
Europe (22"). Salmon scarlet, rose shaded, with white base, medium size flower, strong stem. Each, 9c; dozen, 80c; 100, \$5.00.

Farncombe Sanders (25"). Magnificent brilliant scarlet, inside cerise, white center marked blue; finely formed giant flower. Each, 9c; dozen, 80c; 100, \$5.00.

Pride of Haarlem (25"). Brilliant salmon rose, shaded scarlet, blue at base; enormous flower on stately stem; sweet scented; unsurpassed for borders. Ea. 8c; doz. 65c; 100 \$4.25.

Victoire d'Oliviere (25"). Deep scarlet; strong stem, large flower; an excellent variety for forcing and growing in pans. Each, 14c; dozen, \$1.50; 100, \$9.25.

(Continued on next page)



MIXED GIANT DARWINS

Fine quality, well assorted in variety and color; for mixed beds. Dozen, 60c; 100, \$3.50.

PORTLAND SEED CO.



PORTLAND, OREGON

Three "Black" Darwin Tulips

Try some of each

King Harold (24"). Deep garnet with purple black base; strong stem, with large flower, finely formed. Very effective for borders. Prefers shade. Each 9c; doz. 85c; 100 \$5.50.

La Tulip Noire [The Black Tulip], (25"). Dark maroon black, the blackest of all the tulips; large, lustrous flowers; very beautiful. A rare novelty. Each 11c; doz. \$1.10; 100 \$7.25.

Zulu (27"). Velvety black with dark purple edges; large egg-shaped flower. Each, 9c; dozen, 80c; 100, \$5.00.

Mixed Darwin Tulip Bulbs

100 for \$3.50

Our special mixture of Giant Darwin bulbs, of many favorite varieties and colors, at a specially low price for those who want quantities. Try them.

Dutch Breeder Tulips

[Select breeders for dark colors]

Breeder tulips have become very popular in America during the past few years. Majestic in size, remarkable in color and lasting qualities, they are especially suited for garden effects. The rich and artistic blendings of purple and old gold, brown and violet, bronze and terra cotta appeal to all lovers of flowers. They bloom late, but usually surpass Darwins in size and vigor. Many are sweet scented, and all are splendid for cutting.

Culture. Plant about 5 inches deep, 5 inches apart or more. Bone meal (three handfuls to the square yard) will benefit greatly. Do not manure. Cover well with leaves over winter.

Choice Varieties

Average heights are mentioned after names. Prices are postpaid to fourth zone; beyond that add extra for postage.

We have selected especially choice varieties:

Bronze King (28"). Soft olive buff, inside tinged with golden bronze; very aristocratic and stately. Each, 12c; dozen, \$1.25; 100, \$8.

Bronze Queen [Clio], (28"). Purplish fawn, inside glittering yellowish brown, bright lemon chrome base, filaments olive; a large fine flower of beautiful form on a stout stem. Each, 12c; dozen, \$1.15; 100, \$7.50.

Cardinal Manning [Goliath], (34"). Bishop's purple, flushed rosy bronze verging to almost pure yellow at extreme edges of petals, base tinged yellow; very large egg-shaped flower. Ea. 12c; doz. \$1.15; 100 \$7.50.

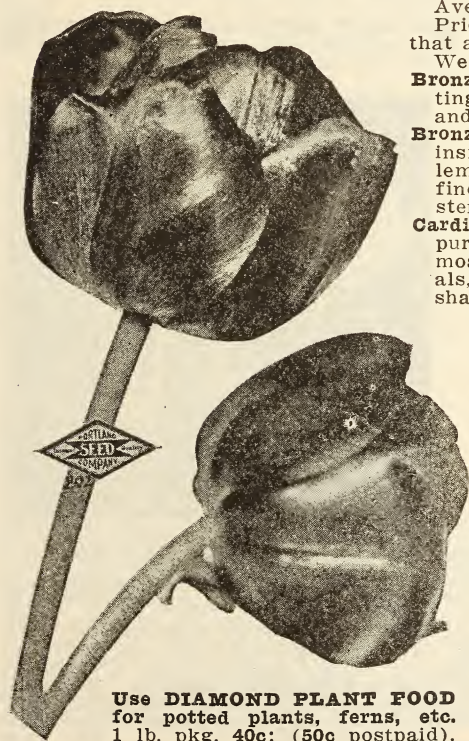
Godet Farfait (28"). Bright, clear violet; a long lasting flower on tall, strong stem; exceptionally fine. Each, 18c; dozen, \$2.00; 100, \$14.75.

Golden Bronze (26"). Light brownish yellow, with flush of heliotrope, inside deep mahogany brown, rich yellow base; fine substance and shape. Each, 13c; dozen, \$1.30; 100, \$8.50.

Jaune d'Oeuf (26"). Deep lemon chrome, flushed with heliotrope, dark base; very attractive; a good forcer. Each, 14c; dozen, \$1.40; 100, \$9.00.

Louis XIV. Rich, dark purple, heavily flushed bronze, margined golden brown; enormous flower of stately bearing; one of the finest. Each, 40c; dozen, \$4.25; 100, \$33.50.

Yellow Perfection (26"). Light bronze yellow, edged golden yellow, interior bronzy brown, yellow base, starred green; a large flower of unusual beauty; the best of the yellows. Each, 14c; dozen, \$1.40; 100, \$9.00.



Use **DIAMOND PLANT FOOD** for potted plants, ferns, etc.
1 lb. pkg. 40c; (50c postpaid).

PORTLAND SEED Co



PORTLAND, OREGON

Cottage or May Flowering Tulips

These tulips come into bloom in May, after the early single varieties. They should be grown in the open ground, and are very hardy and robust. Long, stiff, strong stems, 18 to 24 inches high. Each flower a marvel of beauty; the colors are delicate and artistic, and they are the best of all tulips for cutting. May-flowering tulips appear at their best in borders, foregrounds of shrubbery or walls, or out-of-the-way corners of the garden where, if left undisturbed they will bloom with increasing beauty for years. Plant about 4 in. deep.

Prices are postpaid to fourth zone only.

Gesneriana Lutea (24"). Rich golden yellow; fine, large flower and fragrant. Each, 8c; dozen, 75c; 100, \$4.75.

Inglescombe Pink. Salmon pink with a blue base, very brilliant large globular bloom; one of the finest. Each, 8c; dozen, 65c; 100, \$4.25.

Inglescombe Scarlet. A rich scarlet with a black base; same form and size as the pink. Each, 8c; dozen, 80c; 100, \$5.25.

Inglescombe Yellow. A glossy canary yellow, large globular flower of perfect form; same shape as the Darwin and may be used as a yellow Darwin. Each, 8c; dozen, 75c; 100, \$4.75.

Picotee [Maiden's Blush], (24"). Clear white, beautifully margined with bright pink; long, graceful flower with reflexed petals; beautiful for cutting. Each, 8c; dozen, 65c; 100, \$4.25.

COLLECTION MAY-FLOWERING TULIPS

Fine quality, well assorted colors and varieties. Each, 7c; dozen, 55c; 100, \$4.00.

Crocus

The most popular use for these lovely harbingers of spring is to scatter them about in patches on the lawns, simply lifting the turf and inserting about 2 inches deep. They bloom very early, dying down to the bulb in ample time to miss the lawnmower. Once

planted, they remain in the ground and bloom for years. Also used in rockeries, borders and in pots. Plant in the fall.

King of the Blues. Dark blue, splendid for forcing. Dozen, 40c; 100, \$2.75.

King of the Whites. Snow white, mammoth flowers. Dozen, 40c; 100, \$2.75.

King of the Stripeds. Extra fine for forcing. Dozen, 40c; 100, \$2.75.

Mammoth Yellows. Selected bulbs of large size, producing the finest blooms. Three sizes as below:

First size—Dozen, 65c; 100, \$4.25.

Second size—Dozen, 60c; 100, \$3.75.

Third size—Dozen, 45c; 100, \$2.75.



Purpurea Grandiflora. Bright purple, extra large. Dozen, 40c; 100, \$2.75.

Sir Walter Scott. White striped with purple, very large. Doz. 40c; 100 \$2.75.

MIXED. Our mixtures contain many varieties and are extensively used:

	Dozen	100
Blue and Purple Mixed	30c	\$2.25
Striped and Variegated Mixed	30c	\$2.25
All Shades and White Mixed	30c	\$2.25
All Colors Mixed	30c	\$2.25

PORTLAND SEED Co.



PORTLAND, OREGON



Narcissi Daffodils

Daffodils will thrive in any soil and their exquisite perfume, earliness, free blooming and long keeping qualities endear them to everyone. Once planted in the garden or field they need no further attention, but will thrive and perpetuate themselves, increasing in beauty for years. They are very desirable for pot culture. By planting in succession a wonderful display may be enjoyed for several months. Partial shade is preferred but they grow splendidly in any situation.

KING ALFRED—King of Daffodils

A wonderful rich golden yellow, with very large, broad, beautifully twisted petals and long, elegantly recurved and fluted trumpet, broad well-formed perianth. Sturdy and lasting. Be sure to include King Alfreds in your plantings.

Large Bulbs. Ea. 30c; dz. \$3.50; 100 \$28.00

YELLOW TRUMPET DAFFODILS

Golden Spur. (1) Extra large, bold, rich golden yellow, foliage broad, trumpet deep self yellow, perianth large and spreading; for gardens, pots and forcing.

Large Bulbs. Ea. 15c; dz. \$1.50; 100 \$12.00

Emperor. (3) Perianth primrose, trumpet deep yellow and large, one of the finest grown.

Large Bulbs. Ea. 15c; dz. \$1.50; 100 \$12.00

BICOLOR TRUMPET DAFFODILS

Empress. (3) Perianth snow white, trumpet rich yellow, serrated and flanged edges, of rare beauty, very large.

Large Bulbs. Ea. 15c; dz. \$1.50; 100 \$12.00

Glory of Noordwijk (2). Sulphur petals, very large yellow trumpet, one of the largest bicolors.

Large Bulbs. Ea. 15c; dz. \$1.50; 100 \$12.00

Victoria. (2) Creamy white perianth, yellow trumpet; sweet-scented, large variety, bold and erect; forces easily.

Large Bulbs. Ea. 15c; dz. \$1.50; 100 \$12.00

Prices on bulbs prepaid to 4th zone.

Outdoor Culture. Plant in early fall if possible but as late as December will give excellent results. Depth to plant is 1½ the depth of bulb, which gives a covering 2 to 3 inches of soil. Any garden soil not recently manured is satisfactory, but deep, moist loam is best.

Dry or sandy ground should be dug deeply, well manured and planted to potatoes for a season first. The best fertilizer is ground bone which can be used with safety on poor, sandy soil.

Pot Culture. The bulbs should be planted as soon as received as the earliest plantings insure the finest flowers. In pottings use good turfy loam, but let no manure of any kind touch the bulb. Set in a cool, dark room for a month or two, until well rooted, then remove to the light for flowering. (All bulbs prefer a cool atmosphere. Be careful not to grow them too warm.) Do not cultivate too much as extra vigor of growth injures purity of color.

For succession of bloom, we have numbered the varieties in their relative earliness. No. 1, early March; No. 2, late March; No. 3, early April; No. 4, late April; No. 5, May.



PORTLAND SEED CO.



PORTLAND, OREGON

Narcissi

Some Special Favorites

POETICUS VARIETIES

Poeticus (Pheasant's Eye). (5) Pure white flowers, orange cup edged with red, intensifying the whiteness of the blossom. 2 to 2½ inches across, perfectly hardy out-of-doors, blooms year after year, fine for cutting. Does not force. Large Bulbs. Each 14c; dozen \$1.15; 100 \$7.50.

Poeticus Ornatus. (4) The improved Poeticus, pure white cup edged with scarlet. A good forcer and earlier than Poeticus. Large Bulbs. Each 15c; dozen \$1.25; 100 \$8.00.

Postpaid to 4th zone.

Incomparabilis Narcissi

Sir Watkin. (Incomparabilis Type. (2) "The Giant Chalice Flower," or "Big Welshman." Immense, long stems, flowers of rich light yellow, with a large, dark cup, tinted with orange; fine for forcing. Large Bulbs. Ea. 15c; doz. \$1.50; 100 \$12.00.

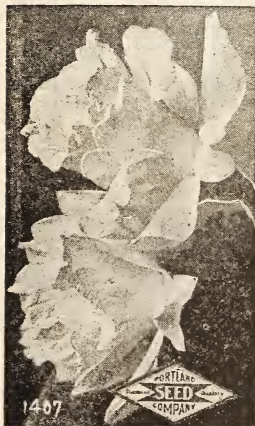
Double Daffodils

Alba Plena Odorata—"The Double White" Poet's Narcissus. Double, snow-white flowers, exquisitely scented; late flowering; cannot be forced. Large Bulbs. Ea. 7c; doz. 80c; 100 \$5.50.

Gladiolus Dahlias

For Gladiolus, Dahlias, Cannas and other spring-flowering bulbs see our Annual Catalog which we issue January 1st. Write for a copy.

Incomparabilis



PORTLAND SEED CO



PORTLAND, OREGON

TRADE MARK



Jonquils

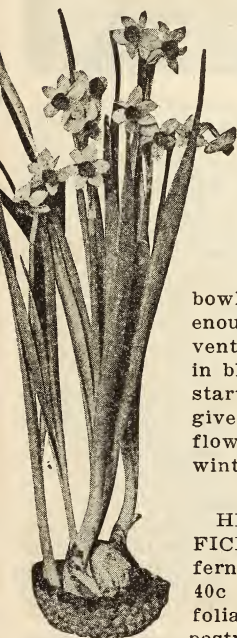
Deliciously sweet scented, bright cherry yellow flowers, with rush-like leaves. Should be planted in quantity for cutting.

Campernelle Rugulosis. Improved giant. Each 10c; doz. \$1.00; 100 \$5.50.

Campernelle Rugulosis Plenus. Double flowers of great beauty. Each 10c; doz. \$1.00; 100 \$5.50. Postpaid to 4th zone.



Sacred Chinese Lily



A variety of narcissus, bearing in lavish profusion silvery white flowers with golden cups, of exquisite beauty and charming perfume. Can be grown in pots, but are more novel and beautiful when grown in shallow

bowls of water with enough pebbles to prevent tipping over when in bloom. A dozen bulbs started at intervals will give a succession of flowers throughout the winter. Ea. 20c; doz. \$2.00.

Paper White Narcissus

GRANDIFLORA

Beautiful fragrant flowers of pure white, forces admirably and flowers freely in dense clusters; will bloom in December, if potted early. Anyone can grow them in the house successfully. Plant one bulb to a three-inch pot, four to a six-inch pot. Can be grown in water. See page 5, under Hyacinths. Each 10c; doz. \$1.00; 100 \$7.50. Postage paid to 4th zone.

HEALTHY PLANTS, LIKE HEALTHY CHILDREN, NEED SUFFICIENT FOOD. Try DIAMOND PLANT FOOD for house plants, ferns, etc.; it is clear, free from odor, highly concentrated, and a 40c package will feed a dozen plants for a year. Secures luxuriant foliage, brilliant and lasting flowers. Half pound package, 25c (35c postpaid); one pound package, 40c (50c postpaid).

PORTLAND SEED CO.



PORTLAND, OREGON

TRADE MARK



Freesias

FREESIAS

One of the most beautiful of the cape bulbs, especially popular for pot culture, flowering in the winter and spring. They force readily and by successive plantings will last throughout the season. Beautiful clusters of white flowers with a delightful fragrance. Plant four to six in a 4 inch pot. Should be grown cool, but do not require darkness. Give plenty of water.

Purity. (New Giant Freesia.)
Pure white. Dz. 50c; 100 \$3.00

Oxalis

Charming little half trailing or bushy plants, particularly adapted for pot culture and hanging baskets. The foliage alone is very attractive. Each 3c; doz. 30c; 100 \$2.50.

Snow Drops [Galanthus]

The first flower to bloom in the spring producing small but beautiful white blossoms. Plant about one inch apart, setting two or three inches deep. They come up from year to year.

Single. Each 6c; dozen 60c; 100 \$4.00.

Double. Each 7c; dozen 65c; 100 \$5.00.

Ranunculus

Among dwarf flowers these are unrivaled for their vivid and gorgeous colors. Fine for winter pot plants and make an attractive addition to the border or flower garden in summer. Each 5c; doz. 50c; 100 \$4.00.



(Galanthus—Snowdrop)

Montbretias

Of the same family as gladioli, Montbretias are hardier and increase more abundantly. There are a number of old varieties, which have been popular for years; the flowers on the old varieties are, however, small and in no way comparable to such greatly improved varieties as the George Dickson, Lord Nelson, etc. In good soil these will easily grow three feet in height, and their spikes are producers for months and are always well branched. They are splendid for cutting, being especially effective with autumn foliage.

California. Clear yellow. Ea. 7c; doz. 75c.
Fire King. Scarlet red. Ea. 7c; doz. 75c.
Improved Aurentica. Orange yellow. Ea. 10c; doz. \$1.00.
Lord Nelson. Orange yellow. Ea. 10c; doz. \$1.00.
Messidor. Cream white. Ea. 15c; doz. \$1.50.
Talisman. Dark scarlet. Ea. 10c; doz. \$1.00.
Mixed. 12 different colors. Doz. 60c.

Anemones

St. Brigid. The finest Irish strain; showing a great many lovely shadings, including pink, rose, purple, lavender, violet, scarlet, crimson, white and others. Easily grown and bloom freely. Plant in spring or fall. Each 6c; doz. 65c; 100 \$4.50.



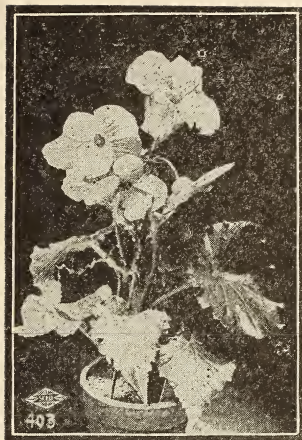
(Montbretia)

Prices on all bulbs are postpaid to 4th zone inclusive; beyond that add extra for postage

PORTLAND SEED Co.



PORTLAND, OREGON



Single Flowering. Each 25c;
doz. \$2.50.

Tuberous Rooted Begonias

From early Spring until late Fall they display a mass of gorgeous and brilliant coloring in shades of yellow, bronze, white, red and pink. No flower will do as well as these when planted in a shady place. For pots or window boxes they are unexcelled. **Culture.** Mix a little bone meal and sand in the soil. Quickest results are obtained by starting indoors and transplanting when frost danger is over. Should be lifted in Fall by frost time and stored in sand in a cool place. Two types, single and double.

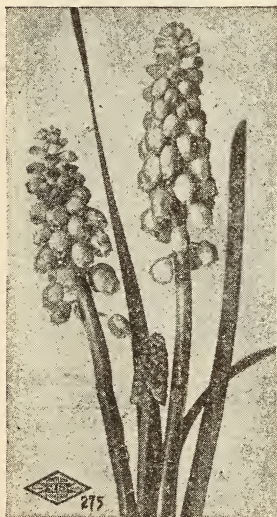


Double Flowering. Each 30c;
doz. \$3.00.

Grape Hyacinths

Muscaria Botryoides.

Very pretty, early spring blooming bulbous plants, succeeding well anywhere. Flowers resemble a miniature Hyacinth. Color blue. Each 5c; doz. 50c; 100 \$3.50.



Scillas [Squills]

Campanulata. One of the prettiest dwarf early spring blooming bulbs, producing sprays of exquisite drooping bell-like flowers. Hardy. Blue and White. Ea. 5c; doz. 50c; 100 \$4.00.
Rosea. Each 6c; doz. 65c; 100 \$5.00.

Frittilaria

Imperialis (Crown Imperials). A stately, showy, early blooming plant, bearing large bell-shaped flowers of various shades of red and yellow, should be planted in deep, well enriched soil and not disturbed for years. A very attractive garden flower. Mixed. Ea. 25c; doz. \$2.50.

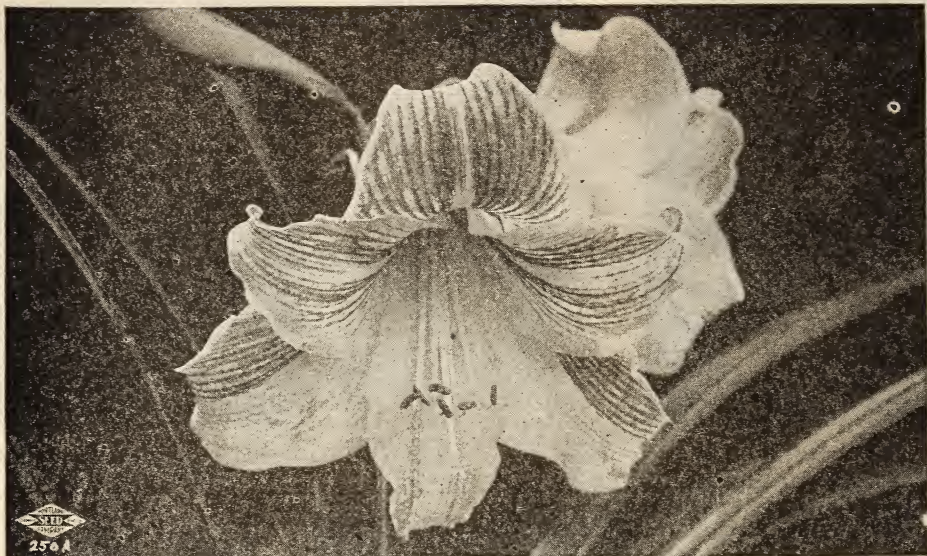


Price on bulbs postpaid to 4th zone; beyond that add extra for postage.

PORTLAND SEED CO.



PORTLAND, OREGON



LILIES *Amaryllis Vittata Hybrids*

Wonderfully beautiful lilies that can be grown easily, either as a pot plant or out-of-doors. The flower stalks are about 18 inches high and have two to six giant flowers of the most perfect form. They flourish in the sun but even do better in partial shade. **Out-doors** plant in sandy soil about a foot apart, covering about 4 inches. **Indoors**, plant in small pots as they seem to flower better when root-bound. We do not know of any flower that will please you more than this and as a house plant it is unsurpassed.

Named Varieties Mixed Colors only. Each 75c; doz. \$7.50. Postpaid to 4th zone.



Lilium Regale or Myriophyllum "THE REGAL LILY"

The most vigorous and satisfactory Lily that has ever come under our observation. Perfectly hardy, of medium height, often bearing five to eight large handsome blooms. Color white, outer petals shaded in varying amount with pink, the throat suffused primrose-yellow. Delightfully perfumed, reminding one of the jasmine and lacking the heavy oppressive odor of other lilies. Each 50c; doz. \$5.00. Postpaid to the 4th zone.

PORTLAND SEED CO.  **PORTLAND, OREGON**



Hardy Japanese Lilies • Imported

Lilies planted outdoors during the Fall or early Spring flower each year from June to October.

After bulbs are set out they should remain undisturbed for five or six years. They will increase in size, beauty and number of flowers, with practically no attention, our Coast climate being perfectly suited to their requirements and once established, they rival the famous product of Japan.

Prices on bulbs are postpaid to 4th zone; beyond that add for extra postage.

Auratum (Golden Banded Lily). The handsomest and best known of the Japan Lilies. Immense ivory-white flowers, thickly studded with yellow and crimson dots; in the center of each petal is a gold band fading at its edges into white; very fragrant. They bloom from June to October. Large bulbs, each 25c; doz. \$2.75.

Auratum Flatyphyllum. The flowers are similar in color to Auratum, heavily spotted, but are much larger. Mammoth bulbs, each 30c; doz. \$3.25.

Henryi. Beautiful orange-yellow flowers with green band, very effective. Hardy. Each 35c; doz. \$3.50.

Speciosum Album. Pure white, flowers free. Large bulbs, each 30c; doz. \$3.00.

Speciosum Magnificum. Similar to Melpomene but more vigorous and blooms earlier. Each 25c; doz. \$2.75.

Speciosum Melpomene. Has deep carmine flowers spotted blood red. Each 25c; doz. \$2.75.

Speciosum Rubrum. White with dark rose spots. The most popular of the speciosum varieties. Hardy, vigorous, and free bloomer. Large bulbs, each 25c; doz. \$2.75.

Tigrinum Splendens (Improved Single Tiger Lily). Has very large flowers of excellent form, color orange-salmon, with dark spots; hardy and a free bloomer. Large bulbs, ea. 20c; doz. \$2.00.

PORTLAND SEED CO.



PORTLAND, OREGON

EASTER

LILIES

EASTER
SUNDAY
IS
APRIL
17TH
(1927)

PLANT
EARLY
IN DE-
CEMBER
FOR
EASTER



Mt. Hood Lilies

This is an especially beautiful lily, a native of Oregon and an interesting lily to have in the garden. The flower is large open form, white tinted with lilac, and is very fragrant. Grows from 3 to 5 ft. high.

Choice Bulbs, each 25c; doz. \$2.50.

Extra Blooming Size, each 35c; doz. \$3.50.

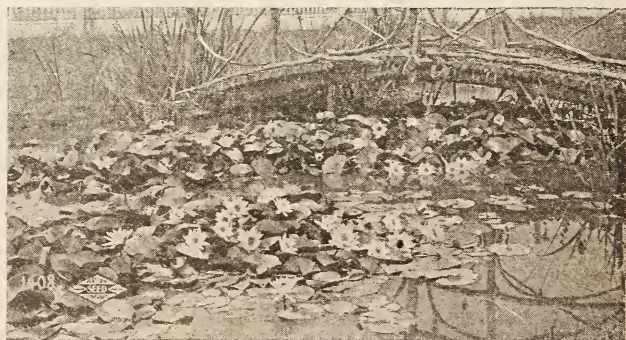
Prices on bulbs are postpaid to 4th zone; beyond that add for extra postage.

The True Easter Lily—

Lilium Longiflorum (Giganteum). Of grand size and substance, hardy and especially fine for open ground, as well for pots. Pure white, fragrant, trumpet-shaped flowers 6 to 8 inches long. Plant early in December for Easter Blooming.

Mammoth Bulbs, Ea. 35c; doz. \$3.50.

Large Bulbs, Each 30c; doz. \$3.00.



For Water Lilies refer to our Annual Catalog issued in January or write for prices.

PORTLAND SEED CO.



PORTLAND, OREGON

LIL- CANDIDUM HARDY GARDEN LILY



Lilium Candidum

(Also known as Madonna Lily, or St. Joseph's Lily.)

This is the ever popular, fragrant snow white, hardy garden Lily. It grows four to five feet high and blooms in the open ground in June. Our stock is imported from the Azores, the finest obtainable; should be planted early.

Mammoth Bulbs. Ea. 30c; doz. \$3.00.

Select Bulbs. Ea. 20c; doz. \$2.00.

Lily of The Valley

One of the most satisfactory and charming Spring flowering plants, producing in profusion its delicate bell-shaped, fragrant white flowers; thrive in any common soil, are perfectly hardy, and will succeed in shady situations. If left undisturbed in the open ground, they will increase from year to year, and are charming in beds or borders around the lawn.

Selected Clumps, for outdoor growing. Each 25c.



Lily of the Valley

Calla Lilies

Elliotana. Immense yellow trumpet shaped flowers, green leaves mottled with white. Ea. 35c; doz. \$3.75.

Ethiopa (Lily of the Nile). An old well known house plant, white trumpet-shaped flowers. Ea. 20c; dz. \$2.00

New Godfrey. Gives three flowers to one of the older variety. Perfect snow white flowers. Blooms on very small plants. Ea. 20c; dozen \$2.00.



PORTLAND SEED CO.



PORTLAND, OREGON



PEONIES

Our list of Peonies includes some of the most beautiful varieties in existence; some are very rare and will well repay their cost in their extraordinary blooms. Prices f.o.b. Portland.

The ranks of Peony lovers are increasing rapidly, and for those who have only limited time for the care of flowers, nothing will give so much joy and satisfaction and endure so long as these wonderful flowers—the Peonies. Color schemes are not necessary for beautiful effects, any combination is delightful. Peonies make a gorgeous display whether in landscape, flower bed, border or garden. By selecting a comprehensive assortment to include colors, types, fragrance and seasons the greatest enjoyment is possible. Peonies are nearly always free from disease, insects do not bother them and they succeed in any soil or climate. The first year bloom is as a rule poor, no matter how well they are planted, but they improve quickly season after season and each year flower and plant become increasingly beautiful.

Culture. Fall is the best time to plant, because blooms will usually follow the next spring, although planting may be done in early spring. Peonies need a deep soil, not too much gravel, a good clay loam is best, and work soil to a good depth. Give a good dressing of lime at planting time and repeat every second year. Bone meal is also good to work in the bed. Cover the crown not over 3 inches deep and plant, if possible, in partial shade. When cutting Peonies allow at least two leaves to remain on each stem; the roots need these lungs for full growth. Do not remove foliage until it is thoroughly dead.

WHITE VARIETIES.

- Albatre.** Large, compact, crown type, milk-white, shaded ivory; center petals tinged with lilac and edged with minute carmine line. Each 80c.
- Duchess de Nemours.** Crown type, pure white, with sulphur white collar. Early to medium season. Each 60c.
- Festiva Maxima.** Large rose type, white with crimson markings in the center; one of the best. Fragrant. Each 60c.
- Officinalis Alba.** Opens a pink, soon changing to white. Earliest of all. 75c.
- Queen Victoria.** Bomb type, white, with delicate flesh tint. We consider this our best early white Decoration Day Peony. Of charming fragrance. Ea. 50c.

PINK VARIETIES.

- Charlemagne.** Salmon pink, very double and full. Each 60c.
- Dorchester.** Large, full type, very light pink. Each 60c.
- Duchess d'Orleans.** A deep pink, salmon center. Early cut flower. Each 50c.
- Edulis Superba.** Crown type, bright clear pink, very fragrant, extra large early Decoration Day peony. Each 50c.
- Elegantissima.** Light cherry pink; mid-season; an excellent cut flower. 60c.
- Eugene Verdier.** Semi-rose type, delicate blush shading to hydrangea pink; enormous flowers, one of the finest. 75c.
- General Dodds.** Uniform dark Tyrian rose, center touched with a few white dots; very desirable; late. Each 75c.
- Livingstone.** Rose type, a soft pretty pink, center petals flecked with carmine; blooms in clusters; late. Ea. 90c.

PORTLAND SEED CO.



PORTLAND, OREGON

TRADE MARK



"A field of Peonies"

LIST OF PEONIES, CONTINUED FROM PAGE 20

Prices f.o.b. Portland; if mailed, add postage.

RED VARIETIES

- Adolph Bousseau.** Semi-double type; purple garnet; tall plant; free bloomer; dark foliage veined red; one of the best for landscape effect. Early. \$1.00.
- Delachei.** Rose type; dazzling rosy magenta, vigorous grower; blooms in clusters; very fine, late mid-season. 60c
- E. G. Hill.** Rich Tyrian rose, bordered with silvery rose, semi-rose type, gigantic flat flower, very full, in immense clusters. A free bloomer even on plants one year from division. Fragrant; early mid-season. Ea. 90c.
- Felix Crousse.** Bomb type; a brilliant red, good odor, vigorous grower with spreading habit, blooms freely in clusters. One of the most enjoyable peonies and one of the best reds. Ea. 75c.
- Karl Rosenfield.** Semi-rose type; brilliant velvety crimson, mid-season, no odor; strong and healthy, free bloomer in clusters; large and fine for cut flowers as well as landscapes. Ea. \$1.50
- L'Eclatante.** Bomb type; deep velvety crimson; mid-season; flowers very double and full, each flower standing up straight and erect, well above the foliage, especially attractive. Each 90c.
- Officialis Rubra.** Earliest of all good reds, a large round bloom of vivid crimson, generally in bloom on Memorial Day. Sold only on orders including other varieties at this special price. 75c.
- Rubra Superba.** Rose type; a rich, brilliant dark crimson; large full double; without stamens; fragrant. Each 75c.

NEW SINGLE FLOWERING PEONIES.

Two very choice new varieties that we recommend highly for this country. Try both of these for a rich repayment in pleasure.

Defiance. Bright crimson petals in striking contrast with the cushions of pure golden stamens, wonderfully beautiful and "dashing" in its effect. Each \$1.50.

Duchess of Portland. A rich lively pink, shading to soft flesh, a free bloomer, medium early. Each \$3.00.

New and Rare Varieties

Alsace-Lorraine. (Lemoine 1906.) Cream white deepening to pale yellow; late; pointed petals; water lily center; flowers in clusters, free bloomer, tall and strong, very beautiful. Each \$3.00.

Kelway's Queen. Deep flesh pink, center flecked with crimson, very profuse bloomer, late mid-season; one of Kelway's very best. Each \$10.00.

Marie Crousse. Pale lilac rose; mid-season; very large and striking, stems stiff and upright. Each \$3.50.

Mons. Martin Cahuzac. Dark purple garnet with black reflex; mid-season; the darkest peony; very large. Ea. \$3.50.

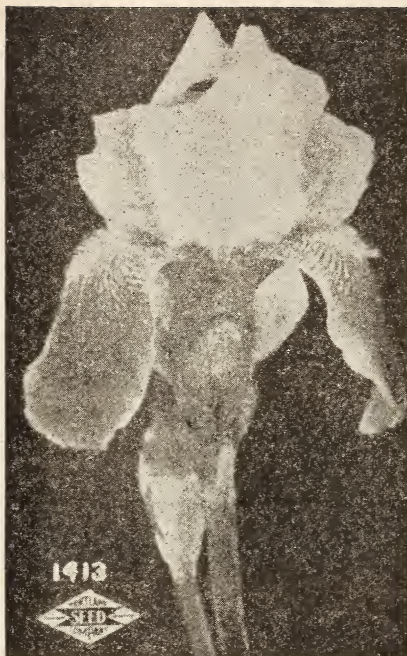
Sarah Bernhardt. Flat compact semi-rose type; uniform mauve color, silver tipped; penetrating fragrance. Ea. \$3.50.

Therese. Very soft pink, lilac white center; with reflex; mid-season; strong plant and stems, enormous flowers. Dessert's best. Each \$7.00.

PORTLAND SEED CO.



PORTLAND, OREGON



Hardy Iris

("Iris" means "The Rainbow")

**ALSO KNOWN AS GERMAN IRIS.
LIBERTY IRIS, BEARDED IRIS,
FLEUR-DE-LIS, FLAG LILIES**

The growing of the Iris is greatly increasing each year on account of their rare beauty as well as ease of growing. They are hardy, drouth resisting; they come at a time when the garden needs their color, they bloom the first season after planting and soon form wonderful big clumps which are easily divided and transplanted.

Cultivation is easy; sunny situation needed; soil dry and well drained (Iris cannot stand water around the roots). Plant with bulb just below the surface, spread the roots out and pack the soil. No fertilizer should touch rhizomes. Fall planting is preferable. Water about once in two weeks until well established. Bone meal and finely ground limestone are good fertilizers.

(In list below, **S** indicates standard or part of flower remaining upright and **F** indicates falls or drooping part of flower.)

**PRICES: NAMED VARIETIES, STRONG
ROOTS, Each 25c; Dozen \$2.50.**

MIXED HARDY IRIS, Ea. 20c; Doz. \$2.00

Prices are f.o.b. Portland;
(If mailed, add postage.)

Caprice. S. soft rosy red; F. deep rosy red.
Darius. S. light yellow; F. lilac margin.
Dr. Bernice. S. coppery bronze; F. crimson edge.
Her Majesty. S. rose pink; F. bright crimson tinged darker shade.
Liberty. Bright azure blue; of the finest.
Lohengrin. S. and F. uniform shade of Cattleys rose. Large.
Loreley. S. light yellow; F. ultra marine blue, bordered cream.
Lady Jane. S. coppery; F. red and white.
Mad. Chereau. S. white; F. clear blue.
Montezuma. S. deep golden yellow minutely dotted brown; F. yellow and white, veined purple and brown.
Monsignor. S. crimson dotted lavender, inner petal ivory; F. rich crimson, edged lavender.

Mme. Pacquette. S. and F. bright rosy claret; late.
Midnight. Rich deep purple; fine cut flower.
Nibelungen. S. olive green; F. yellow purple and white.
Perfection. S. light blue; F. darker velvety violet and black, orange beard.
President. S. mauve, penciled brown at base; F. purple base, striped brown and white.
Pearl. S. very light lavender; F. deep lavender.
Sherwin-Wright. S. and F. golden yellow; blooms freely.
Walhalla. S. lavender; F. wine red.
Zephyr. S. and F. clear blue lilac; beautiful and fragrant.
Queen-of-May. Soft lilac, almost pink.

Winter Blooming Pot Plants

Prices 25 cents each. Larger plants, 40 to 60 cents each, postpaid.

Primrose, New Giant Obconica. A lovely perpetual blooming primrose. The crisp green leaves spring up luxuriantly amid which appear, all season through, stout little stalks, each surmounted by a pretty cluster of lavender-pink flowers.

Primrose, Chinese Fringed. Are easily grown in a cool room, delighting in a light sandy soil. The flowers are fringed, of fine size, in trusses well above the foliage. Can be supplied in three colors—red, pink, white.

Persian Cyclamen, Giant Flowered. Circular fleshy leaves of a rich metallic green variously marked with silvery stripes. The flowers appear at the approach of cool weather and continue blooming throughout the winter. Colors, red, pink and white.

Bex Begonias. Grown for the beauty of the foliage. The leaves are large, variegated and margined with a peculiar silver-metallic gloss. The most ornamental of window plants.

PORTLAND SEED Co.



PORTLAND, OREGON

Japanese Iris

[Kaempferi]

Japanese Iris are almost too beautiful to attempt a description; all the colors of the rainbow are gathered into their wonderful, vivid, yet harmonious shadings and silky texture. The flowers average about four feet in height and 5 to 7 inches across, although in the hands of experts they reach the great size of 12 inches. They are surely worth a choice place in every garden. Each year the clumps increase in size and the flowers become more beautiful.

Culture. They are very unlike Hardy Iris in culture. **Japanese Iris** require plenty of water and good soil to get the best blooms; they do especially well on the borders of streams or ponds. A good dressing of Bone Meal and Nitrate of Soda is a big help when planting. Plant about 3 inches deep and 4 inches apart, divide the clumps every other year. They bloom after the Hardy Iris.

Doubles have six petals; singles have three petals.

NAMED VARIETIES.

Strong Roots. Each 35c; Dozen \$3.50.

F.o.b. Portland; if mailed postage extra.

LIST OF VARIETIES OF JAPANESE IRIS

The finest varieties to be had in the ceptionally low for this high quality.

Date-dogu. Single, rich claret red with orange blotches; very charming.

Hana-Aoi. Double; gray, veined with navy blue, soft and beautiful. Six petals.

Koki-No-Iro. Double; deep red-purple, suffused with blue, a patrician of color. Six petals.

Kumo-No-Obi. Double, dark lavender blue, especially fine. Six petals.

Kyodaisan. Double; purple, overlaid cerulean blue, a royal flower. Six petals.

Pyramid. Double; violet-purple, veined white in the center of each of its six beautiful petals.

MIXTURE JAPANESE IRIS. Double and single, no named varieties; all colors and shades. Special prices, each 20c; dozen \$2.00; hundred \$15.00. (F.O.B. Portland;

Mount Hood. Double; light blue, shaded slightly darker, with a bright orange center (just the colors reflected on the grand old mountain as the sun rises over its snow-clad slopes of a winter morning).

Sano Watashi. Double; a pure brilliant white with a yellow halo. Six petals.

Sufo No Koi. Blotched and speckled blue with a yellow throat.

Taiheraku (Peace). Double; rich purple with yellow blotches, tipped blue, purple veins radiating out; petaloid stigmas gray and lavender; a truly gorgeous flower. Six petals.

Ornamental Ferns

Price, small plants, 25c; postpaid. From 4-in. pots, 75c; 5-in., \$1.50, postpaid. Specimen plants, \$1.50 to \$3.00, f.o.b. Portland.

Boston Fern. The original and well-known type of "Sword Fern."

Teddy Junior. New Dwarf Fern. A sport from the Roosevelt. Compact in form, a rapid grower.

N. Roosevelt. Resembles Boston Fern, produces more fronds, making a bushier and decorative window plant.

Ostrich Plume Fern (Nephrolepis Whitman). Sport from the Boston Fern.

Asparagus Ferns

20c each postpaid; larger plants, 35c and 50c each; by express.

Sprengerii (Emerald Feather). One of the handsomest and most valuable evergreen trailing plants for the house and conservatory ever introduced. Beautiful sprays of green feathery foliage.

Plumosa (Japanese Lace Fern). A finer and more delicate plant than the Sprengerii, but hardy and easily grown. Very satisfactory for window and house culture. Graceful window climber, bright green feathery foliage, as fine as the finest silk or lace.

PORTLAND SEED CO.



PORTLAND, OREGON

Perennial Rock or Alpine Plants

Important—The popularity of rock gardens has increased so greatly that we have at considerable time and effort prepared an exceptionally complete and fine list of the perennials especially suited for this purpose. In fact, the list is so complete it is impossible to show pictures of them; however, we have tried to make the descriptions short and clear, and we are sure you will enjoy reading through the entire list as much as we have enjoyed preparing it and that the selections you make for your "rockery" will be most pleasing to you.

With the exception of a few of the newest and most rare varieties, our plants are field grown, are given constant care and cultivation and when sent out are strong and well developed; much larger and worth a great deal more money than pot-grown plants.

While we endeavor to secure the best possible seeds from the most reliable sources, we cannot guarantee, as to form and color, any plants propagated from seed, especially hybrids. Please do not specify straight colors on hybrids that are listed "in mixture of colors only."

In our annual spring catalog you will find a complete list of hardy perennials, including many new and rare varieties for borders and bedding as well as rockeries.

If you contemplate large plantings or special effects, let us know your plans or requirements. We can supply in any quantity for every requirement at lowest prices.

All Prices 20c Each, \$2.00 Doz., Except as Noted

F. O. B. PORTLAND, OREGON; IF MAILED, POSTAGE EXTRA

ACAENA (Glaucous)—Dwarf trailing plants, evergreen foliage of bluish hue. 2 ins. Each 25c, doz. \$2.50.

ACHILLEA (Argentea)—Dwarf, tufted, hoary Alpine plants. Silvery foliage, white flowers. 4 to 6 ins. June and July. Each 25c, doz. \$2.50.

Millefolium Roseum—Dense heads of rosy-pink flowers. 18 ins. May to July.

Parmica, the Pearl—Pure white flowers, all summer. 18 ins.

Tomentosa—Beautiful Alpine species, close tufts of finely divided foliage and compact heads of golden-yellow flowers. June and July. 12 to 18 ins. All of the Achilleas are drought resisting and will thrive in any kind of soil.

AETHIONEMA (Grandiflorum)—Strong twiggy bushes, resembling an Iberis in growth, with clusters of rosy-pink flowers in May and June. 12 ins. Each 30c.

ALYSSUM (Argenteum)—Dwarf and dense grower, foliage silvery beneath, large panicles of bright yellow flowers, beginning later than Alyssum Saxatile and blooming all summer. 10 ins. Each 25c, doz. \$2.50.

Moellendorffianum—Makes a dense cushion about one ft. across. Fine for carpeting, growing about 4 ins. high. Yellow flowers in June and July. The best Alyssum for the rockery. Each 30c, doz. \$3.00.

Saxatile Compactum—Neat bushes, hoary foliage, large heads of golden-yellow flowers. 8 to 10 ins. May and June.

Saxatile Citrinum—Dwarf compact habit, especially good for edging and rockery work. Masses of pale yellow flowers May and June. 10 ins. Each 30c, doz. \$3.00.

Saxatile Luteum—Good compact habit, sulphur-yellow flowers. Each 25c.

ANDROSACE (Lanuginosa Leichtlini)—A free-growing trailing plant with gray silky foliage and umbels of white flowers with small crimson eye. The most alpine of Alpine plants. Protect from extreme moisture during winter months. May to October. Each 35c, doz. \$3.50.

ANEMONE (Hupehensis)—A pretty species from central China, closely resembling Anemone Japonica in a miniature way, with pale mauve colored flowers from Aug. till late fall. 12 to 18 ins. Each 25c, doz. \$2.50.

Pulsatilla (Pasque Flower)—Grows from 8 to 12 ins. high and produces large flowers, varying from lilac to purple. April and May. Each 40c, doz. \$4.00.

St. Brigid (Irish Anemone)—Their fine cut foliage and pretty shades of blue, pink and white flowers make them one of the popular spring flowers. 12 to 18 ins. Each 25c, doz. \$2.50.

ANTHEMIS—Handsome finely cut foliage and large lemon-yellow flowers. Blooms all summer and thrives in the poorest soil. 2 ft.

AQUILEGIA (Alpina)—A beautiful short-spurred form, blue and white flowers, about 10 ins. high. July and Aug. Ea. 30c, doz. \$3. Atrata (European Columbine)—Stems 18 to 20 ins., many-flowered. The violet flowers are furnished with a claw, about 1 in. long. Rare. All summer. Each 30c, doz. \$3.00.

ARABIS (Rock Cress) Alpina—Gray-green foliage, pure white flowers. 4 to 6 ins. April. Flore Pleno (Double)—Flowers have a pinkish tinge and as they do not go to seed as readily as the single flowering, they do not have the unsightly seed pods. 6 to 8 ins. April and May. Each 25c, doz. \$2.50.

Rosea—Neat tufts of hoary foliage covered with dainty sprays of rose-colored flowers. April and May. Each 30c, doz. \$3.00.

ARENARIA (Balearica)—Close turf-like habit. A real gem for carpeting a shady moist spot. Small white flowers from May to Sept. Each 25c, doz. \$2.50.

Caespitosa—A compact, leafy form making dense moss-like masses. White flowers all summer. Each 30c, doz. \$3.00.

Montana—Charming trailing species, with large white flowers, first rate rock or edging plant in dry soils. June to Sept. Each 30c, doz. \$3.00.

A Few Suggestions on Combinations

Try Aster Alpinus and Erigeron Aurantiacum; Alyssum Sax and Myosotis; Iberis Gibraltarica and Alyssum Argenteum; Delphinium Chivensis and Isatis Glauca; Erysimum and Draccephalum Nutans.

PORTLAND SEED CO. PORTLAND, OREGON



Perennial Rock Plants, Continued. Price 20c Ea., \$2.00 Doz., Except as Noted

F. O. B. PORTLAND, OREGON; IF MAILED, POSTAGE EXTRA

ARMERIA (*Caespitosa*)—Diminutive tufts of dark green foliage, studded with tiny pink flowers. Rare and beautiful. 2 ins. Ea. 50c.
Formosa—Light pink flowers. 12 to 15 ins. May to July.

Maritima—Neat tufts of dark green foliage with an abundance of rose-pink flowers. 8 to 12 ins. May to July.

Vulgaris—Native of the Coos Bay country. About 6 ins. high with numerous rose-pink flowers. 6 ins. May, July. Ea. 25c, doz. \$2.50
Maritima Alba—A white-flowering form. Each 25c, doz. \$2.50.

ASPERULA (*Woodruff*)—A spreading, trailing plant with beautiful rosy-pink flowers. 6 to 8 ins. May to July. Each 25c, doz. \$2.50.
Tinctora—An excellent plant for dry places. Native of the dry hills and rocks of Europe. May be used in place of *Gypsophila Paniculata*, as filler for bouquets. Trailing unless supported. Flowers white, sometimes reddish on outside. Each 25c.

ASTER—(*Alpinus*)—Large purplish-blue flowers with golden-yellow center. 10 ins. May and June.

Alpinus Goliath—Flowers are larger than those of preceding variety and of a beautiful lilac shade, with a yellow center. 12 to 15 ins. May and June. Each 25c, doz. \$2.50.
Amellus King George—Extra large-flowering, with large trusses of bluish-violet flowers. 2 ft. May to Aug. Each 50c.

Amellus Rudolph Goethe—Very free-flowering with large trusses of large lavender-blue flowers, about 2 ins. across. The finest *Amellus* variety yet introduced. 2 ft. June to Aug. Each 50c.

Aster Farreri Big Bear—A new species; following is an extract from Mr. Farrer's report R. H. S. Journal: "The most glorious Aster of the year, a towering, tazzled person of a thousand narrow rays of richest violet, flopping from a flat center disc of vermilion orange, a species new to cultivation and the finest yet introduced." 1 ft. May to July. Each 50c.

Mauve Cushion—New hardy Japanese Aster. An entirely distinct species, forming a round cushion-like plant 2 to 3 ft. in diameter and 6 to 8 ins. high, covered with mauve-colored flowers from Sept. to Nov.

AUBRETIA (*Hybrids*)—Neat tufts of foliage, smothered during spring and early summer with gorgeous colored flowers. 4 to 6 ins.
Moerheimii (New)—With large self-pink flowers. Each 35c.

AURICULA (*Alpine Primrose*)—Handsome smooth-leaf foliage, often covered with a whitish powder. Flowers in clusters, fragrant at times, and in many fine color combinations. 6 to 8 ins. April and May. Each 25c, doz. \$2.50.

BELLIS PERENNIS (*Double English Daisy*)
Fire King—Very striking shining flowers with quilled petals and yellow center.
Longfellow Rosea—Large double pink.

Gians to Arnstadt—Giant white flowers, resembling an annual Aster in size and form.

CALAMINTHA (*Alpina*)—A very graceful little rock plant, spreading tufts of pretty foliage, spangled with lavender-blue flowers. 6 to 8 ins. June to Aug.

CAMPANULA—One of the most popular families of hardy rock plants.

Carpatica (*Carpathan Harebells*)—A pretty species growing not over 8 ins. high, in compact tufts; flowers clear blue, held erect on wiry stems. As an edging for hardy border or for the rockery it is unsurpassed. June to October.

Carpatica Alba—A pure white form of the preceding.

Isophylla—A trailing plant with pale blue flowers, 1 in. or more wide. A desirable basket or rock plant in either sun or half shade. July to Sept. Each 40c, doz. \$4.00.

Isophylla Alba—A pure white form of the preceding. Each 40c, doz. \$4.00.

Laurii—A new species from the Greek islands. Habit reminds one of *Rotundifolia*, but more spreading and the flowers produce more freely. Flowers are of a beautiful shade of lavender, very large, about 1 inch across and very attractive. Instead of drooping as in *C. Rotundifolia*, the flowers turn upward. When in bloom, the plants represent a mass of color with scarcely a leaf visible. Each 50c, doz. \$5.00.

Muralis (*Portenschlagiana*)—Dense tufts of dark green foliage, smothered for months with large light blue flowers. 3 to 5 ins. June to Sept. Each 30c.

Pusilla—Makes a very dense spreading clump of fine foliage with many flowers, carried on slender stems, 4 to 6 ins. high. Flowers blue, nodding. June to Oct. Ea. 30c, doz. \$3.

Pusilla Alba—A white flowering form of the preceding. Each 30c.

Rotundifolia (*Blue Bells of Scotland*)—Slender branching stems, 10 to 15 ins., covered with dainty pale blue flowers from May to September.

Turbinata—Resembles *C. Carpatica*, both plants and flowers being larger. Each 25c, doz. \$2.50.

CARDAMINE PRATENSIS (*Cuckoo Flower*)—Close tufts of fern-like foliage with well furnished spikes of rosy-white flowers. 8 ins. Each 25c, doz. \$2.50.

CERASTIUM (*Tomentosum*)—Neat tufts of silvery foliage, slender sprays of pure white flowers.

CHEIRANTHUS ALLIONII (*Siberian Wall-flower*)—Early spring-flowering, covered with dazzling orange-colored flowers on stems about a foot high.

Linifolius—Beautiful new species, with lilac-mauve flowers, very free-flowering and good for dry rockeries and borders. Each 30c, doz. \$3.00.

CORYDALIS (*Thalictrifolia*)—Beautiful new species from China, handsome foliage resembling *Thalictrum*, yellow flowers all summer. Requires slight protection during very severe weather. One ft. Each 40c, doz. \$4.00.

CRUCIANELLA (*Stylosa*)—Tangled masses of elegant foliage, crowded heads of bright rose flowers. 12 ins. May to Aug.

DAPHNE (*Cneorum*)—With long trailing branches, leaves small, dark green, glabrous above, evergreen. Flowers in many-floored heads. Pink and fragrant. 6 to 10 ins. May to July. Each 50c.

Perennial Rock Plants, Continued. Price 20c Ea., \$2.00 Doz., Except as Noted

F. O. B. PORTLAND, OREGON; IF MAILED, POSTAGE EXTRA

DELPHINIUM (*Chinensis*)—A very pretty species with fine feathery foliage and intense gentian blue flowers. 18 ins. May to July. **Chinensis Album**—A pure white form of the preceding.

Nudicaule—Grows 18 to 20 ins. high, free-flowering, bearing a profusion of brilliant scarlet flowers. May until cut down by frost. Each 25c, doz. \$2.50.

Nudicaule "Lemon Gem"—A clear yellow flowering form of the preceding. Self color. 18 ins. Each 40c.

DIANTHUS—This genus contains some of the most charming of our Alpine plants, most easily cultivated in gritty well-drained soil.

Alpinus—Very dwarf, flower stems rarely reaching more than $\frac{3}{4}$ in. high. Dark shining foliage. Flowers deep rose, or purplish and crimson spotted, 1 in. across, with a darker ring around the eye. May to June. Each 35c.

Caucasicus—Compact tufts, covered with deep rose-colored flowers. 6 ins. May to July. Each 25c, doz. \$2.50.

Caesius (*Cheddar Pink*)—Pretty tufted species, excellent for dry banks, rocks and old walls. Bright pink flowers on stems 6 to 8 ins. high. June to Aug. Each 25c, doz. \$2.50.

Deltoides (*Maiden Pink*)—A beautiful little plant with narrow leaves, bearing a profusion of small flowers, deep rose in color, from May to July. 4 to 6 ins. Each 25c, doz. \$2.50.

Graniticus—Of neat branching habit, 6 to 8 ins. high. Flowers bright red, although sometimes purple or vivid rose will be amongst them, July-Sept. Ea. 25c, doz. \$2.50.

DIANTHUS (*Neglectus*)—Perhaps the most beautiful of all Alpine Pinks. Neat tufts, flowers salmon-rose, reverse of petals tawny yellow. 3 to 4 ins. high. June to Aug. Each 35c, doz. \$3.50.

Plumaris (*Pheasant Eye Pink*)—Large flat masses of blue-green foliage, bearing many fine long-stemmed flowers through a long flowering season. Colors diverse, May, July. **Semperflorens Perfection**—A splendid strain which produces an infinite variety of shades of red, such as crimson, carmine, pink, rose, salmon and cinnabar, mostly with an eye of deeper hue. Can supply in mixture of colors only. 10 to 12 ins. May to July. Each 30c, doz. \$3.00.

Sternbergii—Very neat plant, bearing white fringed flowers. Most excellent for rockery. 4 to 8 ins. May to July. Each 35c, doz. \$3.50.

Sylvestris—Tufted plant, about 1 ft. high. **Sylvestris**—Tufted plant, about 1 ft. Beautiful salmon-pink flowers. Ea. 30c, doz. \$3.

DRABA (*Cuspidata*)—An *Alyssum*-like plant. Tufted, about 4 ins. high with light yellow flowers during Feb. and Mar. Prefer the full sun. Each 30c, doz. \$3.00.

DRACOCEPHALUM (*Nutans*)—A very pretty rock plant, closely allied to *Nepeta*. 10 to 12 ins. high, with dense spikes of purplish-blue flowers. Prefers a moist, partially shaded situation. May to July. Each 25c, doz. \$2.50.

ECHEVERIA GLAUCA (*Hen and Chickens*)—The glaucous leaves are in small but dense rosettes. Flowers, 15 to 20 on stem 8 to 10 ins. high. Reddish.

ERIGERON (*Aurantiacum*)—Close tufts of dark green foliage with bright golden-orange flowers. Very showy. 6 to 8 ins. May to June. Each 25c, doz. \$2.50.

Mucronatus—Neat tufts of dark green foliage, small pink and white Daisy-like flowers. Trailing habit. May, Oct. Ea. 30c, doz. \$3. **Multiradiatus**—Very dwarf, pink Daisy-like flower. 4 ins. Each 30c, doz. \$3.00.

ERIOPHYLLUM CAESPITOSUM (*Oregon Sunshine*)—Tufted herbaceous perennials with finely cut foliage. Prefers a rather poor soil. Flowers yellow. 12 to 18 ins.

ERINUS (*Alpinus*)—Diminutive evergreen rock plants. From close tufts of dark green foliage emanate numbers of short spikes, well set with purplish flowers. 3 to 4 ins. May to July. Each 25c, doz. \$2.50.

Alpinus Album—A white flowering form of the preceding.

ERPETION RENIFORME GLOBOSUM (*Australian Violet*)—Neat tufts of kidney-shaped foliage. Small flowers, lavender with a small white fringe. 4 ins. May to July. Each 30c, doz. \$3.00.

ERYNGIUM (*Bourgati*)—Very distinct species, spiny stems and bracts, which are often of a bright steely blue color. Flower heads blue or rarely green. 12 to 18 ins. June to August. Each 35c, doz. \$3.50.

ERYSIMUM RUPESTRE AURANTIACUM (*Fairy Wallflower*)—Dense tufts of bright green foliage and lemon-yellow or bright orange colored flowers. April to June. 6 to 8 ins. Each 25c, doz. \$2.50.

EUONYMUS (*Radicans*)—This trailing *Euonymus*, with beautiful, small green and white variegated leaves, is particularly desirable for its dense, evergreen foliage and extreme hardness, taking the place of the English Ivy for wall covering. Makes a splendid ground cover and one of the best creepers for the rockery. Each 75c.

EUPHORBIA (*Cyparissias*)—Many short plume-like branches from the crown and adventitious root-buds, covered with spreading dark green leaves. Bright yellow flower-like bracts. May and June. 8 to 10 ins.

HINTS ON PLANTING A ROCK GARDEN

The most important points in planting a rock garden are (1st) exposure; plant a sun-loving plant where it gets the full sun, and the shade-lovers where they are protected from the sun, and the moisture-loving plants where they will not die of thirst. (2nd) soil; Mr. Correvon, the eminent authority on Alpines, says: The flora of the Alps depends, in a much greater degree than that of the plains, on the chemical nature of the soil. So be sure to get plants that suit the soil in your garden, or change the soil to meet the requirements of the plants which you are to plant.

PORTLAND SEED CO.



PORTLAND, OREGON

Perennial Rock Plants, Continued. Price 20c Ea., \$2.00 Doz., Except as Noted

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- EPILOBIUM (Hectori)**—A neat creeper. As leaves grow older they have the appearance as if they were of hammered copper. Small white flowers. All summer. Each 25c.
- FRAGARIA INDICA (Creeping Strawberry)**—Grows rapidly, with runners as much as 5 ft. long. Has a small red fruit. Excellent for hanging baskets, walls, rocks and banks.
- GENTIANA ANDREWSII (Bottle Gentian)**—One of the most fascinating native plants. The flowers, which are tightly closed, are borne at the top of stems 8 to 12 ins. high and are an intense blue. July and August. Each 25c, doz. \$2.50.
- GERARDIA (Hybridia)**—Resembles a Pentstemon. Gloxinoides in growth and flowers, stems being more slender and flowers smaller. Colors range from pinkish-lavender to light purple. 2 ft. May to Aug. Each 25c, doz. \$2.50.
- GEUM**—An invaluable group for the rockery, neat habit, flowering for a long period during the spring and summer, easy cultivation.
- Borisii**—The finest of this showy family. Neat tufts of evergreen foliage, producing an abundance of neat branching stems, covered with large well-formed flowers of a vivid tangerine or orange scarlet. 8 to 10 ins. May to Oct. Each 50c.
- Glory (Atrosanguineum Fl. Pl.)**—Fine orange scarlet. Habit same as Mrs. Bradshaw. Each 25c, doz. \$2.50.
- Heldreichii**—Resembles *Borisii* in habit, but with orange colored flowers and lighter green foliage. 8 ins. May to Sept. Ea. 40c.
- GYPSOPHILIS (Cerastoides)**—A dense growing creeper with small clusters of large flowers, often 2/3 in. across, of a silvery white or lilac color with pink veins. June and July. Each 25c, doz. \$2.50.
- Repens**—A trailing plant with stems ascending at end. Not over 4 ins. high. Rather large bluish white flowers from mid-summer to autumn. Each 35c, doz. \$3.50.
- HELENIUM (Hoopesii)**—These low-growing early-flowering *Helaniums* are excellent plants for the rockery where they receive a little sunshine. *Hoopesii* is the earliest of all *Helaniums* and the only one with pure orange colored flowers, which are 3 to 4 ins long. May to June. Each 25c, doz. \$2.50.
- Biglowii**—Follows *Hoopesii* in blossom with large yellow flowers with black centers. Prefers a rather poor heavy soil. Each 25c, doz. \$2.50.
- HELIANTHEMUM (Sun Rose or Rock Rose)**—Mutabile—Low-growing evergreen shrubs which, during their flowering season, May to July, are covered with a mass of brilliant colored flowers. 10 to 12 ins.
- Boule de Feu**—Double red flowering form of the preceding. Each 30c.
- HEPATICA**—A charming group of early spring-flowering plants, remarkable for the way in which they flower. Prefer a north or east slope, where they receive partial shade, although will do fairly well in an open position in moist rich soil.
- Triloba Alba**—White. Each 25c, doz. \$2.50.
- Triloba Coerulea**—Blue. Each 30c, doz. \$3.00.
- HEUCHERA SANGUINEA (Coral Bells)**—They have beautiful heart-shaped leaves which form a low evergreen clump, 6 to 8 ins. high. Coral red flowers on stems 12 to 18 ins. June to August.
- HYPERICUM CALYCYNUM (Rose of Sharon)**—Low-growing evergreen, 10 to 12 ins. high, with large yellow flowers which are brightened by the red anthers. A good ground cover. Each 25c, doz. \$2.50.
- Moserianum**—A beautiful summer-flowering variety. Dwarf, marvelously free-flowering, flowers being from 2 to 3 ins. in diameter, of a golden yellow, with crimson tipped anthers. 12 to 18 ins. Each 30c, doz. \$3.00.
- Olympicum**—Neat growing evergreen, about 1 ft. high with large yellow flowers in abundance, June to Sept. One of the best for the rockery. Each 30c, doz. \$3.00.
- Repens**—Prostrate masses of evergreen foliage with large golden yellow flowers from June to Sept. Each 30c, doz. \$3.00.
- IBERIS GIBBALTARICA (Hardy Candytuft)**—Neat bushes of dark evergreen foliage, smothered with close heads of flowers, ranging white to lavender. 10 ins. May to July.
- Tenorena**—Somewhat shrub-like, about 6 in. high, with white flowers, changing to pale purple. May to July. Each 25c, doz. \$2.50.
- INCARVILLEA (Brevipes Grandiflora)** (Hardy Gloxinia)—Umbels of large crimson-purple flowers, with conspicuous white markings. Glossy green foliage. Flowers appear while stem is only 3 to 4 in. above ground and advance with growth of plant. 12 to 15 ins. May and June. Each 30c, doz. \$3.00.
- INULA (Ensifolia)**—Compact bushes, smothered with golden-yellow flowers. Prefers full sun. 18 to 24 ins. June to Sept. Each 25c, doz. \$2.50.
- Royleana**—New Himalayan species, with rich orange colored flowers, 4 to 6 ins. in diam. The black buds are very conspicuous. 12 to 15 ins. July to Sept. Each 40c, doz. \$4.00.
- ISATIS (Glaucua)**—Stems about 2 ft. high, bearing a large panicle of yellow flowers, resembling *Gypsophyllia* in a way, and used in its place, as it is in blossom a month sooner. Seed pods are not unattractive. May to July. Each 25c, doz. \$2.50.
- JASIONE (Perennis)**—Close tufts of pretty foliage, compact heads of bright blue flowers not unlike those of the *Scabiosa*. 6 to 8 ins. June to Aug. Each 25c, doz. \$2.50.
- LAVENDER NANA ATROPURPUREA (French Lavender)**—Very dwarf, 8 to 10 ins. Compact bushes of silvery gray foliage, with an abundance of tiny spikes of rich purplish-blue flowers. July to Sept. Each 35c, doz. \$3.50.
- LEONTOPODIUM (Swiss Edelweiss)**—The plant which in its mountain home is responsible for so many accidents. Prefer an elevated position in the rockery, in rather light soil, with full exposure to the sun.
- Alpinum**—Pretty white leaves and small yellow flowers, which are surrounded by star-like heads of leaves, clothed with a dense white wooly substance. 4 to 6 ins. May to Aug. Each 35c, doz. \$3.50.
- Sibericum**—Resembles the above with larger flower heads. Each 40c, doz. \$4.00.

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PORTLAND, OREGON

Perennial Rock Plants, Continued. Price 20c Ea., \$2.00 Doz., Except as Noted

F. O. B. PORTLAND, OREGON; IF MAILED, POSTAGE EXTRA

LINARIA (*Aequitriloba*)—Close growing, creeping evergreen, with long trailing branches. Flowers pale mauve with reddish-purple palate. Prefer partial shade. May to Sept. Each 30c, doz. \$3.00.

Alpina—Compact tufted plants with spreading flower stems. Flowering in short racemes or heads, violet or blue with orange colored palate. 4 to 6 ins. June to Aug. Each 30c, doz. \$3.00.

Anticaria—A pretty subject for dry spots in the rockery. Dwarf, with large flowers varying from white to purple, with yellow predominating. 6 ins. June to August. Each 30c, doz. \$3.00.

Cymbalaria (*Kenilworth Ivy*)—Pretty trailing variety for rock or wall work or hanging baskets or brackets. Small lilac-blue flower with yellowish throat. Mar. to Aug. **Macedonica** (*Nympha*)—Flowers cream colored with deeper color on the palate in long wand-like terminal racemes. 2 ft. May to August. Each 25c, doz. \$2.50.

LINUM (*Perenne*)—Perennial. Elegant foliage, graceful arching stems, bearing many large circular flowers of an intense sky blue. 2 ft. May to August.

LYCHNIS (*Alpina*)—Close tufts of olive-green foliage. Long spikes of deep rose colored flowers. One of the best for the rockery. 4 to 6 ins. June to Sept. Ea. 25c, doz. \$2.50. **Arkwrightii**—Magnificent novelty in lovely shades of color. Extraordinary hybrid of *L. Chaledonica* and *Haageana*. 15 ins. June to August. Each 30c, doz. \$3.00.

Flow Cuculi (*Ragged Robin*)—The red or pink flowers are in loose paniculate cluster. 12 to 18 ins. June-Aug. Ea. 25c, doz. \$2.50. **Naageana** (*Hybrids*)—Very effective when planted in clumps. Neat bushes with large flowers of a brilliant crimson. 10 to 12 ins. June to August. Each 25c.

LYSIMACHIA (*Nummularia*)—Very useful for rustic baskets and vases; also for carpeting shady places. Small yellow flowers.

MERTENSIA VIRGINICA (*Virginian Cowslip*)—Bluish-grey foliage. Long arching racemes of rich sky blue flowers. Demand a moist shady spot. Apr.-June. Ea. 30c, dz. \$3.

MYOSOTIS (*Forget-me-nots*)—Hardy biennials and perennials, which prefer moist half-shady places. Should be renewed often. Early spring to mid-summer.

Alpestris (*Indigo Blue*)—Intense rich dark blue with long stems. 4 to 8 ins. **Disitiflora** (*Grandiflora Perfection*)—Taller growing than preceding, with large sky-blue flowers. 8 to 10 ins. Each 30c.

Palustris (*Grandiflora*)—The best of the water *Forget-me-nots*. New. Large flowered, bright blue "Pixies" eyes. 4-6 in. 25c.

NEPETA GLECHOMA (*Ground Ivy*)—A most useful and dainty mint. The leaves are cre-nated and pretty; the stems run on the ground and root, making solid carpets. No better ground cover for shaded beds or better cover for shaded beds or banks.

Mussini—One of the most desirable perennials. Neat bushes of lavender-like foliage, covered with terminal spikes of lavender-blue flowers, both flower and foliage being aromatic. 12 to 15 ins. June to Sept.

OENOTHERA (*Evening Primrose*) (*Fruticosa*) Makes a bush-like growth 1 to 3 ft. high and bearing for a long time in summer, a profusion of large lemon-yellow flowers. **Speciosa Rosea**—Forming prostrate masses; large bright rose-colored flowers. 1 to 2 ft. Each 25c, doz. \$2.50.

PACHYSANDRA TERMINALIS (*Japanese Spurge*)—A trailing plant, 6 to 8 ins. high, forming broad mats of glossy green foliage and small spikes of white flowers during May and June. Will grow in all shady situations and the only plant which will thrive under pine trees. Each 25c, doz. \$2.50.

PAPAVER (*Alpinus*)—A diminutive species for the rock garden. Neat tufts of foliage and dainty flowers in shades of white, rose, yellow, buff, etc. Can supply in mixture of color only. 6 ins. One year old plants 25c each, two year old plants 35c each.

Nudicaule (*Iceland Poppy*) (*Improved Sunbeam*)—This strain includes many new tints, such as maize, creams and various tones of rose. The flowers, which are much larger than the old strain, are borne on long thick stems. 18 ins. Early spring to late summer. **Nudicaule** (*Excelsior Re-selected*)—In this new and re-selected strain, the proportion of new and beautiful colors, including many art shades, with delicate rose blush and apricot tints, is much greater than the strain hitherto offered. Free-flowering. Can supply in mixture of colors only. Ea. 30c, doz. \$3.

PENTSTEMON (*Glaber*)—Of prostrate habit. Flowers, which are of a bright blue, seldom pink, on stems about 1 ft. high. May to June. Each 25c, doz. \$2.50.

Heterophyllus—Flowers about 1 inch long, pink or rose-purple, slender at the base but full or inflated above, the lips well marked. May, July. 15 to 18 ins. Ea. 30c, doz. \$3. **Pubescens** (*Pygmaeus*)—Very dwarf habit, flowers clear blue, with white lower lip. June and July. 6 ins. Each 30c, doz. \$3.00. **Menziesii** (*Davidsonii*)—An Alpine dwarf, having its tough and almost herbaceous stems underground except the very short and erect flowering branches, which are 2 to 3 ins. high, the flowers usually exceeding in size all the remainder of the plants above ground. Flowers 1 in. long, lilac-purple in color. June to August. Each 50c.

PENTSTEMON (*Newberry*)—Shrubby plant, 6 to 8 ins. high, with pink or rose-purple flowers. June to September. Each 50c.

In placing your rocks in the garden, be very sure that there are no air spaces beneath the surface of the soil or surface stones. Many Alpine plants have been lost from want of observing this precaution, the open crevices and loose texture of the soil permitting the dry air to destroy them in a very short time.

The majority of Alpines being early spring flowering, it should be the aim of everybody planting a rock garden to have several summer-blooming perennials in their garden.

PORTLAND SEED Co. PORTLAND, OREGON



Perennial Rock Plants, Continued. Price 20c Ea. \$2.00 Doz., Except as Noted

F. O. B. PORTLAND, OREGON; IF MAILED, POSTAGE EXTRA

PHLOX (*Amoena*)—This is one of the best varieties for the rockery or for carpeting the ground. Grows but 4 ins. high and in the spring is a sheet of rich bright pink flowers. Each 25c, doz. \$2.50.

Canadensis Divaricata—One of the prettiest hardy plants in cultivation. Neat tufted habit, slender stems, terminating with corymbose heads of lovely, fragrant lavender-blue flowers. 10 to 12 ins. May and June.

Subulata (Moss or Mountain Pink)—It is impossible to accurately describe the singular beauty of this charming group. Close tufts of moss-like foliage, covered during spring and early summer with brilliant colored flowers. Separate colors; white, lavender or rose-pink. 4 to 6 ins.

PHYTEUMA (*Scheuchzeri*)—Belongs to the Campanula family. Is a rock-loving species and requires full sun, without damp, little soil and that only of leaf mold and sand. Stems slender and flexible, 6 to 8 ins. high. Bracts about 18 ins. long. Deep violet-blue flowers in rounded heads. May and June. Each 30c, doz. \$3.00.

PLATYCODON (*Grandiflora*) (Japanese Balloon flower)—Large deep blue or white flowers, stems 18 to 24 ins. long. June to Aug. **Japonicum Flore Plena**—Is of stronger and bushier growth and freer flowering. The flowers average 2½ ins. across; the inner and outer lobes alternate with one another, giving the flower the appearance of a ten-pointed star. Habits same as preceding. Two year old (guaranteed as to form) 40c. Seedlings (about 90% true to form) 25c.

PLUMBAGO (*Larpentae*)—Is of dwarf, spreading habit, 6 to 8 ins. high, and covered with deep cobalt-blue flowers, late summer, fall.

POTENTILLA (Double Flowering Hybrids)—Neat low-growing tufts of strawberry-like foliage, with brilliant colored flowers on stems 12 to 18 ins. high. June to August.

PRIMULA—One of the most interesting and pleasing of hardy plants we have and as varied as they are beautiful. Succeed best in partial shady positions.

Auricula—(See *Auricula*)

Beesiana—A distinct Chinese species, bearing several whorls of rich velvety purple flowers on stems 18 to 24 ins. long. April to June. Each 50c.

Bullejana—Another striking Chinese species, bearing several whorls of rich orange-colored flowers. Fond of a damp spot. 18 to 24 ins. Each 50c.

Cashmeriana—A beautiful variety of recent introduction. Large globular heads of purplish-blue flowers. Prefers a moist, shaded situation. 12 ins. March to May. Each 50c.

Polyanthus (Miss Wilmott's Hybrids)—Undoubtedly the finest strain in cultivation, containing all the old and many new colors. March to May. 6 to 8 ins. Ea. 30c, doz. \$3.

Veris—The well known hardy Primrose. Contains many fine color combinations. Can supply mixture only, except when in flower. **Veris** (Triumph)—The finest strain of P. Veris in cultivation. Many new colors and flowers are extra large, on long stems. Can supply in mixture only, except when in bloom. Each 30c, doz. \$3.00.

PRUNELLA (*Incisa Rubra*)—Close tufts of dark green foliage with stout well furnished spikes of brilliant crimson flowers. 8 to 10 ins. All summer. Each 25c.

SAGINA (*Subulata*)—Mossy green cushions, studded with tiny white flowers during May and June. Excellent for stepping stones.

SAPONARIA OCEYMOIDES—Brilliant masses of bright rose flowers in spring. 6 ins.

Oceymoides Splendens—A high-colored form of the preceding. Trailing and larger flowers. Each 25c, doz. \$2.50.

SAXIFRAGA—It is impossible to over-value this extensive genus of rock plants. They can be successfully grown in any sunny position and sandy soil with the exception of the following varieties: **Umbrosa** (London Pride) requires shade and considerable more moisture than any of other Saxifraga. The Mossy Saxifraga, such as **Decipiens Bathoniensis**, **Guildford's Seedling**, **Schoeno Von Ronsdorf**, the different **Aizoon** varieties and the **Cordifolia** require partial shade.

Aizoon—A very variable Alpine plant, much tufted and forming dense small rosettes. White flowers on stems 6 to 10 ins. high. May and June. Each 30c, doz. \$3.00.

Aizoon Flavescens—A free-growing and decorative Saxifraga with clear lemon-yellow flowers produced in good spikes. 6 to 8 ins. May and June. Each 30c, doz. \$3.00.

Aizoon Rosea—A bright pink flowering form of the preceding. Each 30c, doz. \$3.00.

Bathoniensis—A rapid grower, 10 to 12 ins. high, with stout branching stems, bearing large pink-white flowers. April and May. Each 30c, doz. \$3.00.

Burseriana—Fresh grey-green, turning to light brown as they grow older. Flowers white, veins often colored. 2 to 4 ins. Feb. to March. Each 50c, doz. \$5.00.

Decipiens (*Grandiflora*)—Charming hybrids, countless flowers in many shades from white to rose and crimson. Can supply in mixture of color only, excepting when in bloom. 10 to 12 ins. April, May. Ea. 40c, doz. \$4.

Decipiens Rosea—Neat tufts with bright pink flowers. A recent introduction. 4 to 6 ins. Each 30c, doz. \$3.00.

Elizabethae—Very free-growing, forming cushion-like tufts. Leaves deep green in small rosettes. Yellow flowers on red tinged flower stems about 2 ins. high. April and May. Each 50c, doz. \$5.00.

Guildford's Seedling—A mossy Saxifraga with bright crimson flowers. Very beautiful. 10 to 12 ins. April and May. Each 40c, doz. \$4.00.

Lagaveana—A miniature plant with tiny silvery rosettes and ruddy stems, 6 to 8 ins. high, bearing 4 to 6 creamy-white flowers to each stem. May. Each 40c, doz. \$4.00.

Lantosana—One of the best and most distinct. Leaves short and blunt. White flowers on stems 10 to 12 ins. high. Prefer a little lime and good drainage. June. Each 40c, doz. \$4.00.

Macnabiana—Seldom more than a foot high, more or less branched above. Flowers white, numerous, heavily speckled with pink to purple dots, the dots being large. June and July. Each 30c, doz. \$3.00.

PORTLAND SEED CO.



PORTLAND, OREGON

Perennial Rock Plants, Continued. Price 20c Ea., \$2.00 Doz., Except as Noted

F. O. B. PORTLAND, OREGON; IF MAILED, POSTAGE EXTRA

SAXIFRAGA—Continued—

Megasea Cordifolia—Handsome, broad deep green foliage which alone renders them useful, while the pretty rose-pink flowers, which appear early in the spring, make them doubly effective. 10 to 15 ins. March and April. Each 25c, doz. \$2.50.

Pyramidalis—Very robust, 2 to 4 ft. high when in flower. The rosettes are large and glaucous and the flowers very numerous in a large panicle, white speckled with crimson. June and July. Each 25c, doz. \$2.50.

Umbrosa (London Pride)—Leaves form a dense rosette, 8 to 12 ins. across. Flowers white, speckled carmine, on stems 12 to 18 ins. high. Requires a shady, moist position. May and June. Each 25c, doz. \$2.50.

SCUTELLARIA (Alpina)—A hardy spreading plant, about 10 ins. high, with blue flowers in dense terminal racemes. May to Sept.

SEDUMS—A very interesting group of plants, easily grown, the larger proportion forming tufts, clasping the ground and for carpeting there is nothing to equal them.

Acre—Stems creeping, branched, flower stems 2 to 3 ins. high. Flowers yellow. Thrives best in poor soil. June and July. **Album**—White flowering form of preceding.

Kamtschaticum Grandiflorum—Branches 6 to 10 ins. long. Yellow flowers on stems 6 to 8 ins. high. June and July.

Kamtschaticum Roseum—A pink flowering form of the preceding. Each 30c.

Muralis—Very dark green leaves, turning red as they grow older. Flowers are white with pink center or a clear red. One of the best. 4 to 6 ins. June to August. Each 30c, doz. \$3.00.

Spurium Coccineum—Creeping branches. Crimson flowers on reddish flower stems 6 ins. high. July to September.

Spurium Roseum—A pink flowering form of the preceding.

Telephium—Erect growing, 12 to 18 ins. Flowers pink, reddish spotted, or sometimes pure white. July and Aug. Each 30c, doz. \$3.00.

Spectabilis—One of the prettiest erect growing Sedums, 12 to 18 ins. high, with broad light green foliage and immense flat heads of showy rose colored flowers. Aug. to Sept. Each 30c, doz. \$3.00.

SEMPERVIVUM (House Leek)—Curious and interesting plants, forming rosettes of succulent leaves of varying colors.

Arachnoideum (Cob-web House Leek)—Called so on account of nearly all of the tips of leaves being connected with long soft white hairs. Salmon-pink colored flowers on stems 4 to 6 ins. high. June to Sept.

Glaucum—Rose colored flowers, about 1 in. in diameter on stems 6 to 8 ins. high, in a short compact panicle 2 to 3 ins. across.

Laggerii—Leaves grey-green. Flowers rose. One of the best. June to Sept.

Montanum—Flowers mauve-red on stems 4 to 8 ins. high in a very dense panicle about 2 ins. in diameter. June to Sept.

SILENE (Acaulis)—Dense tufts of spiny foliage, covered with tiny pink flowers. 1 to 2 ins. May to July. Each 40c.

Alpestris—An elegant dwarf species. White flowers. 6 ins. May, July, Ea. 30c, doz. \$3. **Maritima**—Has glaucous blue foliage of a very pleasing tint and makes a very compact mass, covered with white flowers from June to Aug. 3 ins. Each 30c.

Saxifraga—Somewhat shrubby, bright green foliage, small white flowers. 4 to 8 ins. May to July. Each 25c, doz. \$2.50.

Schafta—A beautiful Alpine species with large bright rose-pink flowers. Trailing, 3 to 6 ins. July to Sept. Each 30c, doz. \$3.00.

STACHYS LANTA (Woolly Woundwort or Lamb's Ears)—White woolly leaves. Flowers small, purple, in dense 30 or more flowered whorls. Very white herbage. 12 to 15 ins.

STATICE INCANA-NANA—Very dwarf. Tufts of leathery leaves, not unlike Statice Latifolia, but the flower stems are more prostrate and only 6 to 8 ins. long. Grayish-white flowers.

Latifolia (Sea Lavender)—Tufts of leathery leaves and immense candelabra heads of purplish-blue, minute flowers, which if cut and dried, last for months. Flower heads 2 to 3 ft. across. 12 to 18 ins. Jun. to Aug.

STOKESIA (Cyanea)—A most charming and beautiful native plant. Large blue Aster-like flowers on stems 10 to 12 ins. long. Aug. and Sept.

Lilacina—A recent introduction from Europe. Flowers 3 to 4 ins. across on stems 15 to 18 ins. long, 4 to 8 flowers on one stem. A pleasing lavender. June to Sept. Each 30c, doz. \$3.00.

TEUCRIUM CHAMAEDRYDYS—Although not recognized as a rockery plant or shrub, its beautiful glossy green foliage alone makes it valuable. Its flowers, red-purple or bright rose with red and white spots, produced during July and August when flowers are scarce in the rockery, makes it doubly effective. 12 to 18 ins. Each 30c, doz. \$3.00.

The following tables show positions or exposures which different plants require or prefer:

1. Shade or very little sun—Aconitum, Anemone Japan, Arenaria Balearica, Gentiana, Hepatica, Linaria Aquitriloba, Lysimachia Nummularia, Mertensia Virginica, Myosotis, Pachysandra Terminalis, Primula and Saxifraga Umbrosa.

2. Full sun—Achilleas, Alyssums, Anthemis, Armeria, Dianthus, Eriophyllum, Erinus, Erysimum, Heleniums, Helianthemum, Inula, Leontopodium, Lychnis, Sedums, Silenes, Statice, Thymus and Zauschneria.

Practically all Viola need partial shade. Saxifraga, while a sun-lover, seems to do better in our gardens if given partial shade. Practically all of the plants listed will do well in a good rich garden soil. If you are in doubt as to what plant would do best in your garden, let us advise you. Be sure to give full particulars when making inquiries.

PORTLAND SEED Co.



PORTLAND, OREGON

Perennial Rock Plants, Continued. Price 20c Ea., \$2.00 Doz., Except as Noted

F. O. B. PORTLAND, OREGON; IF MAILED, POSTAGE EXTRA

THYMUS—The Thymes are useful rock plants, forming sheets of attractive foliage, useful for carpeting and very pretty for edging.
Citriodorus Aurea—A golden-yellow form of the well known Lemon-Scented Thyme. 6 in.
Serpyllum (Creeping Thyme)—Forms dense mats of dark green foliage and clouds of lilac flowers. Trailing. June and July.
Serpyllum Coccineum—A bright red flowering form of the preceding but has a longer season. June to Sept. Each 25c, doz. \$2.50.
Serpyllum Lanuginosa—Foliage woolly, gray. Flowers pink. The best Thyme for the rockery, one plant often covering a rock 2 to 3 ft. in diameter. Each 25c, doz. \$2.50.

TROLLIUS (Globe Flowers)—Are grown for the beauty of their globular flowers and show of dark green leaves. They are suited to wet sunken gardens, wild borders and edges of water gardens, although doing well in a good garden soil, not lacking moisture.
Asiaticus—Small bronze-green leaves, flowers a rich orange yellow. 18 to 24 ins. Will do best if partially exposed to sun. May to July. Each 50c, doz. \$5.00.
Gold Quells—Golden yellow. Very showy. 2 ft. May to July. Each 50c, doz. \$5.00.

VERBENA (Venosa)—A showy species from S. Brazil and Argentina. Tuberous roots. Flowers lavender-blue to sky-blue. 8 to 10 ins. Each 25c, doz. \$2.50.

VERONICA AMETHYSTINA—A slender species with short stems of amethyst-blue flowers. 6 to 10 in. May-June. Ea. 25c, doz. \$2.50.
Corymbosa—A dwarf plant, 6 ins. high, with a dense plume of azure-blue flowers. July and Aug. Each 30c, doz. \$3.00.
Prostrata—Carpets of olive-green foliage, smothered with dainty spikes of rich blue flowers. 4 to 5 ins. May and June.

VIOLA (Apricot)—A real gem for the rockery where it gets partial shade. It flowers for a long period with flowers like pansies of the richest apricot color. A compact grower. Spring to late summer. Each 25c, doz. \$2.50.
Bosniaca—A fine, new European introduction. Makes neat clumps that are covered with reddish-violet flowers throughout the summer. A distinct Alpine species. Each 30c, doz. \$3.00.

G. Wermig—A Cornuta. Small dark violet flowers on long stems, a veritable sheet of bloom the whole season.

Jersey Gem—Possesses the dwarf habit and continuity of blooming of the Horned violet (*Viola Cornuta*) and the vigorous, bushy growth and roundish foliage of the finest English bedding varieties. Color is a pure violet and flowers are slightly perfumed. 8 to 10 ins. Each 25c, doz. \$2.50.

Lutea Splendens—Bright yellow flowers on long stems. Flowers all summer. Each 25c, doz. \$2.50.

WAHLENBERGIA (Dalmatica) — Belongs to the Campanula family. A beautiful dwarf Alpine. Blue flowers in a terminal, 6 to 10 flowered. 3 to 5 ins. high. May to July. Each 30c, doz. \$3.00.

ZAUSCHNERIA (Californica) (California Fuchsia)—A low-growing plant with scarlet or vermilion, trumpet-shaped flowers, about 2 ins. long. A flaming sheet during the months of Aug. and Sept. It is remarkably resistant to drought. Each 40c.

VIOLA RIVINIANA—An excellent plant for the rockery, standing the sun and drought better than any other *Viola*. Blooms the entire summer if given a little water. Flowers a light blue, on stems 3 to 4 ins. high. Each 25c, doz. \$2.50.

SWEET PEAS To Plant This Fall

Early Flowering Spencers

Six weeks earlier than standard species, these new early flowering varieties begin to bloom 106 days from planting in the open ground and flower through a long season, about four months.

PKTS. EACH 15c; OZ., EACH 75c. Postpaid

SUPERIOR—Pink.

VULCAN—Red.

WHITE HARMONY—Black seeded.

ZVOLANEK'S ROSE—Deep rose pink.

BLUE BIRD—Violet blue.

GLITTERS—Fiery orange.

LAVENDER HARMONY—Deep lavender.

YARRAWA—Rose pink.

COLLECTION OF EARLY FLOWERING—Eight 15c packets, one each of above, \$1.20 value for \$1.00 postpaid.

CHRISTMAS FLOWERING GRANDIFLORA TYPE—Pink, lavender and white. Try these. Pkt. 10c, oz. 25c.

New Spencer Varieties

MARY PICKFORD—Creamy pink; pkt. 25c.

MISS CALIFORNIA—Orange salmon; 20c.

CAMPFIRE—Bright sunproof scarlet; 20c.

CRIMSON KING—Deep crimson; pkt. 15c.

LA FRANCE—Shrimp pink; pkt. 15c.

HAWLMARK PINK—Rose salmon; pkt. 15c.

THE PRESIDENT—Orange scarlet; pkt. 15c.

ROYAL PURPLE—Very rich; pkt. 10c.

MRS. TOM JONES—Delphinium blue; 15c.

HAWLMARK LAVENDER—Blend of shades; pkt. 15c.

YOUTH—White, edged pink; pkt. 15c.

KING WHITE—Glistening white; pkt. 10c.

COLLECTION 12 PKTS—One ea. above \$1.50.

Favorite Spencers

PINK—Dobbie's Cream.

ORANGE—Barbara.

SALMON—Robert Sydenham.

SCARLET—Fiery Cross.

LAVENDER—Orchid.

WHITE—Constance Hinton.

Each pkt. 10c; collection of six pkts. 50c.

postpaid.

PORTLAND SEED CO.



PORTLAND, OREGON

Ornamental Climbing Vines



Clematis Paniculata

Ampelopsis [Ivy]

Veitchi "Boston Ivy." Leaves glossy green, coloring bronze in Fall; flowers small; berries deep blue; clings firmly to smooth walls. Two-year roots, 50c.
Quinquefolia "Virginia Creeper." Common American Ivy. Two-year-roots 50c.
Engelmanni. Similar to Quinquefolia, but leaves slightly smaller, and will cling to walls without any support. Very hardy and attractive. Strong two-year roots, each 50c.

Clematis

Clematis is one of the most beautiful and useful climbers. Their magnificent flowers, born in great profusion in beautiful shades of lavenders, purples, reds and white, make them especially attractive. Requires a rich loamy soil, but manure should not touch the roots. Cut out the weak and surplus branches in the Spring and tie vine up well to its support.

Ramona. Beautiful lavender, best of its color. Each \$1.00, postpaid.

Ville de Lyon. Red. Each \$1.00.

Henryi. Fine, large, creamy white flowers; a strong grower and very hardy. Each \$1.00, postpaid.

Jackmanii. Intense violet purple with a rich velvety appearance; distinctly veined. Large plants, each \$1.00.

Clematis Paniculata. A rapid and vigorous grower; produces sheets of medium sized, pure white flowers of the most pleasing fragrance; well adapted for covering trellises or fences. Choice plants, each 50c.

Cinnamon Vines

The most desirable, easiest grown climbers in the world; from China—the land of wonders. Their abundant blossoms perfume the air for a long distance with a delicious fragrance. Perfectly hardy—thriving in all soils, sun or shade, wet or dry. No insects, blight or disease of any kind ever troubles them; no Winter harms. Once planted they will grow a lifetime. Each 25c; five for \$1.00, postpaid.

Dutchman's Pipe

Aristolochia Siphio. A handsome, bright green luxuriant vine, having large foliage and brownish, pipe-shaped flowers. A strong rapid grower. Strong plants, each 75c.

Euonymus

Radicans. A most beautiful evergreen vine of vigorous growth and perfect hardiness. Clings to stone or brick. Most valuable introduction of recent years and takes the place of ivy. 60c.

English Ivy

Large, thick, shining, leathery leaves, evergreen. Plant in sheltered position. Each 25c.

Honeysuckle

Hall's Japanese. Almost evergreen, very popular; white turning to yellow. 50c.

Jasmine

Nudiflorum. Drooping branches, enveloped with bright yellow flowers before leaves appear. Each \$1.00.

Kudzu Vine

Kudzu Vine (Pueraria Thunbergiana). Large foliage and dense shade, growing 50 feet in one season. Flowers plentiful in August, rosy-purple, pea-shaped; in small racemes. Each 50c.

Trumpet Vine

Signonia Radicans (Trumpet Vine). Strong climber; deciduous, flowers orange scarlet. Blooms mid-summer. Each 50c.

Wisteria

W. Sinensis (Chinese Wistaria). Grows 15 to 20 feet in a season; has long, pendulous clusters of pale blue flowers in May and June and Autumn. Choice 1-year plants \$1.50 to 75c.

Multijuga. Two-year grafted, blue flowers. Each \$2.50.

Two-year grafted, pink flowers. \$3.00.
 One-year grafted, white flowers. \$1.50.

PORTLAND SEED CO.



PORTLAND, OREGON



**DIAMOND
QUALITY**

Roses

**TWO YEAR
Field Grown**

DIAMOND QUALITY ROSES are large, sturdy, two-year-old, field-grown roses that will give you splendid flowers the first season. They are true to name and our list includes the best of the well-known popular varieties, the most meritorious of recent novelties and the Gold Medal roses of famous European growers.

The Time to Plant. Roses may be planted either in the Fall or Spring. It should be done early, and we earnestly request our friends to place their Spring orders in mid-Winter so that shipment can be made at the most favorable time.

Planting. Deep preparation of soil is urged. Be sure to stir ground thoroughly to a depth of 18 inches and at least two feet if soil is inclined to be wet or soggy, filling in extra 6 inches with stones to insure drainage. Bone meal worked into ground at time of planting is a big help, using a large trowelful to a plant. Sheep manure in a little larger proportion is also good. If planting in the Fall prune tops but slightly but be sure to trim all root ends back unless this has been done at the nursery. In the Spring trim back all branches to not more than 4 eyes. Plant at least 2 inches deeper than the crown from which sprouts arise.

Cultivation and Protection. Keep soil well stirred but do not cultivate deeper than 2 inches. Soak ground when you do water and then do not water again until the surface is quite dry. Be sure to protect roses from insects and disease by spraying. We handle a full line of the essential sprays.

Shipping. We always send all our two-year-old rose bushes charges collect by express or freight, packing so they will carry safely even though they should be on the road for two weeks or more. If necessary, we can send small two-year-old bushes by mail, but in such cases we always prune the tops and roots ready for planting. Add 5c postage for each bush.

It is impossible to list the hundreds of varieties of roses that are now on the market, but we have selected what we consider the choicest and best to list in our catalog. Please state if we may replace sold out varieties with others equally as good. This will save possible delays.

See complete alphabetical list of roses on following pages

PORTLAND SEED COMPANY'S

Hardy Garden Collection 12 Roses for \$4.00

Regular Value \$5.35

Consisting of one each, Kaiserin Aug. Victoria; Mad. Caroline Test-out; Ulrich Brunner; Lady Alice Stanley; Admiral Ward; George Arends; Grus an Teplitz; Killarney; Lady Ashtown; Red Letter Day; Duchess of Wellington; White La France. This assortment is carefully selected in all colors for those who wish to try the best hardy varieties. Read the descriptions in alphabetical list.

PORTLAND SEED COMPANY'S

Choice Collection of 12 Roses for \$5.00

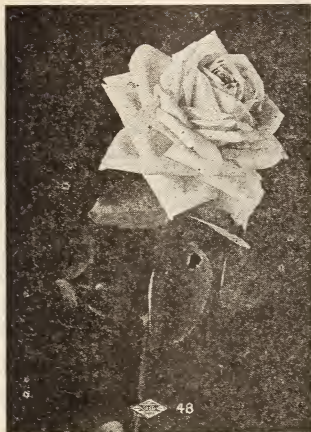
Regular Value \$5.85

Consisting of one each, Constance; Joseph Hill; Hoosier Beauty; Frau Karl Druschki; La France; Irish Elegance; Richmond; Mildred Grant; Margaret Dickson Hamill; Lyon; Ophelia; Etoile de France. This list is selected for those who want a choice selection of colors and varieties and are not familiar with all types. Read the description of each rose given in the following lists.

PORTLAND SEED CO.



PORTLAND, OREGON



(Los Angeles)



(Evening Star)



(Joseph Hill)

ALPHABETICAL LIST OF ROSES (RAMBLERS AND CLIMBERS ON PAGE 39)

Admiral Ward (H. T.). A fine bedding variety of vigorous growth and erect branching habit. Spherical blackish red bud opening to large, full, globular flowers of crimson red with shading of fiery red and velvety purple. 40c

American Beauty (H. P.). One of the largest, sweetest and best; rich, glossy crimson, shaded and veined in a most charming manner. Very fragrant. 35c.

Amelia Gude (H. T.). Color, golden orange of the shade of Sunburst, with touches of orange on reverse of petal. Ideal for table decoration, bouquets, etc. Prolific variety throughout the year. Each, 90c.

Arthur R. Goodwin (Pern.). Excellent rose, buds open in copper mixed with orange-red, later replaced by soft, salmon pink. Perfectly hardy everywhere. Each, 65c.

Avoca (H. T.). Crimson scarlet, large well-formed flowers; a very fine rose. Each 65c.

Baroness Rothschild (H. P.). Flowers of immense size; color, bright rosy pink, tinted white; beautifully formed. Without fragrance. Each 35c.

Betty (H. T.). Beautiful coppery rose color, overspread with golden yellow. Fragrant. Buds long and pointed; moderately double, petals unusually large and veined, long stems. Each 50c.

Black Prince (H. P.). Almost a black rose. Very hardy, large and full, one of the finest of its color. Each 50c.

British Queen (H. T.). Pure white, large, full flowers, opening freely. One of the best white roses for bedding and cutting; stiff slender stems, free and fragrant. Each 40c.

Captain Christy (H. T.). A delicate flesh pink, not easy to duplicate. Each 55c.

Cecile Brunner (D. P.). Bright, rose, yellowish in center; very sweet. Ea. 50c.

Chateau de Clos Vougeot (H. T.). Deep, velvety crimson shaded with blackish maroon. The nearest approach to a black rose. As if cut from so much velvet, the most beautiful rose in color and texture. A true ever-blooming variety. Each 50c.

Christine (H. T.). A good deep persistent yellow. Has shapely buds and handsome flowers. Each 90c.

Cleveland (H. T.). Deep coppery yellow at base of petals, flushed reddish copper. Very large, beautifully formed and a fine variety. Each 50c.

Columbia (H. T.). Peach blow pink, deepening as it opens to a glowing pink. A striking peculiarity of this rose is that the shades all deepen as the rose opens. Single buds, long stems, splendid for cutting. Nearly thornless; free from mildew. Each 55c.

Conrad F. Meyer (H. R.). A most valuable addition to the list of hardy free-blooming roses. The color is a beautiful silvery pink. Fragrant, will not mildew or black spot; handsome foliage; ornamental as a shrub. Each 30c.

Constance (H. T.). Rich orange yellow, distinctly streaked and splashed with crimson, long pointed buds: free bloomer. Each 55c.

Countess Clanwilliam (H. T.). Produces flowers in great abundance. Color, delicate peach pink, petals flamed and edged with deep cherry red. Long pointed buds opening to large full flowers. Each 50c.

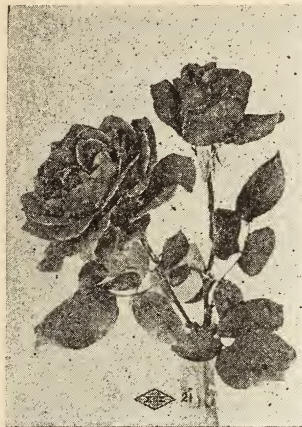
Dean Hole (H. T.). Beautiful silvery crimson, shaded golden pink. Free bloomer; large and full. Each 50c.

Dinsmore (H. P.). One of the best hardy early, cherry-red roses. Prolific bloomer and very fragrant. Perfectly double. Each 40c.

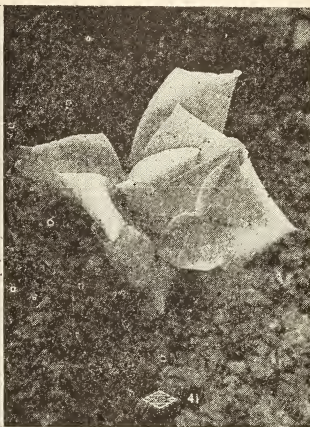
PORTLAND SEED CO.



PORTLAND, OREGON



(Ulrich Brunner)



(La France)



(Irish Elegance)

ALPHABETICAL LIST OF ROSES (RAMBLERS AND CLIMBERS ON PAGE 39)

Donald McDonald (H. T.). Medium sized, well shaped flowers of intense orange carmine, exquisite shell-like petals. Each 65c.

Duchess of Wellington (H. T.). Intense saffron yellow stained with rich crimson which as the flower develops, become deep coppery saffron yellow. Delightfully fragrant. Each 45c.

Etoile de France (H. T.). Well formed buds that develop into full open flowers of red and soft velvety crimson shading to vivid crimson. Each 45c.

Evening Star (Pern.). A sport of Mad. Edouard Herriott. Color much more brilliant. Ever blooming tendencies. Each \$2.00.

Frau Karl Druschki (H. P.). The white American Beauty. Makes splendid buds and immense flowers; perfectly double. Each 50c.

Fred J. Harrison. Cardinal red with black blotches on edges. Flowers large, double, fragrant and lasting, growth vigorous. Continuous bloomer. Each \$2.50.

General Jacqueminot (H. P.) Bright shining crimson; very rich and velvety, large and full. Rich fragrance. Ea. 40c.

General McArthur (H. T.). Dazzling crimson scarlet; delicious perfume and magnificent foliage. Blooms in great profusion. Not subject to mildew. 50c.

George Ahrends, or Pink Druschki (H.P.). Well shaped delicate pink buds of pure even color, opening into large and beautiful flowers. Delightfully scented. Long, stiff stems. Each 55c.

George Dickson (H. P.). Very large, full and perfectly formed flowers freely produced. Color, blackish crimson of velvety texture, reverse of petals heavily veined with crimson maroon. A magnificent rose, invaluable for exhibition. Each 45c.

George C. Waud (H. T.). A beautiful variety possessing a distinct color. Glowing vermilion with orange red suffusion; large, full flowers of perfect form, highly tea-scented; free flowering. Each 65c.

Golden Emblem (H. T.). A grand new Irish rose of ideal habit of growth with holly-like glossy green foliage, each stem bearing a glorious golden yellow flower of the finest form. The peer of all yellow roses. Each 75c.

Gorgeous (H. T.). Strong, vigorous growing, with handsome olive-green foliage. Color deep orange-yellow, heavily veined reddish copper. Ea. 55c.

Grus an Teplitz or Virginia B. Cox (H. T.). Color fiery crimson, with a dark velvety sheen, very fragrant. Free blooming, producing a mass of gorgeous blooms on long stems. Ea. 40c.

Hadley (H. T.). A fine American pedigree rose producing flowers of elegant form and substance. Color rich crimson scarlet shaded maroon. Profuse during all seasons, with a wonderful fragrance. Each 50c.

Harry Kirk (H. T.). Deep sulphur-yellow passing to a lighter shade at the edge of petals. Robust growth; free branching habit. Fine fragrance. 40c.

Hills America. Beautiful pink, long pointed buds, flowers of great size; in thornless class, "June rose" fragrance. Each 75c.

Hoosier Beauty (H. T.). Crimson scarlet with darker shadings, velvety texture. Bud long and pointed, deliciously fragrant. Each 60c.

Hugh Dickson (H. P.). Glowing crimson-shaded scarlet. A strong grower, perpetual bloomer and fragrant. (Should be cut back freely). Each 35c.

Independence Day (Pern.). Sunflower gold, flamed and stained coppery old gold and orange. One of the best. \$1.50.

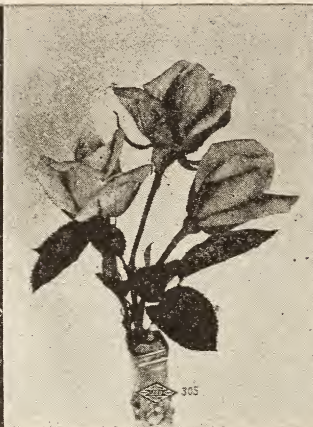
PORTLAND SEED CO.



PORTLAND, OREGON



(Gorgeous)



(Lady Alice Stanley)



(Mrs. Aaron Ward)

ALPHABETICAL LIST OF ROSES (RAMBLERS AND CLIMBERS ON PAGE 39)

Irish Elegance (S.). Large, single, golden bronze flowers of great beauty, free and constant bloomer, with deep bronze foliage. Each 45c.

Irish Fireflame (S.). Deep orange-splashed crimson, changing to fiery orange crimson; buds hold shape long time. Tea scented. Each 55c.

J. B. Clarke (H. T.). Irish variety of great merit either for garden decoration or cut flowers. The color is bright crimson shaded maroon; petals large, flowers very full and perfectly formed. Flowering from early summer until late autumn. Each 40c.

Joseph Hill (H. T.). Pink, shaded salmon; buds long, flowers large, full and well formed. Each 60c.

Kaiserin Aug. Victoria (H. T.). Elegant, large pointed buds; full double flowers; color delicate creamy white; fragrant. Each 40c.

Killarney (H. T.). The new Irish beauty. Color an exquisite shade of deep shell pink, lightened with silvery pink; base of petals soft silvery white relieved with enough yellow to make it more attractive. The buds are long and beautifully formed. Each 50c.

K of K (H. T.). Intense scarlet known. Semi-single, huge petals. Free bloomer, sweet scented. Each 40c.

Lady Alice Stanley (H. T.). Deep coral rose outside of petals, pale flesh color on inside. Long pointed buds. Fragrant. Each 45c.

Lady Ashtown (H. T.). One of the finest pinks of a rich, deep, silvery tone; flowers large. Each 50c.

Lady Hillingdon (T.). Deep apricot yellow, long and pointed bud. Flowers are of good substance and very lasting. Foliage luxuriant. A fine forcing or garden rose. Each 65c.

Lady Roberts (T.). Rich apricot yellow, base of petals coppery red shaded with orange. Nice long sharply pointed buds, developing into well formed open flower. A pure-bred tea-rose of great merit. Each 50c.

La France (H. T.). A silvery rose, changing to pink. Sweetest fragrance of all roses. A great favorite. Ea. 35c.

Los Angeles (H. T.). Flame pink toned with coral and shaded gold at base of petals; fragrant, vigorous, and very free blooming, buds long and pointed, mammoth flowers. Each 60c.

Louise Catherine Breslau (H. T.). Coral red, shaded chrome yellow, opening to a shrimp pink, shaded coppery orange. Each 60c.

Lyon (Pern.). Beautiful shrimp pink with salmon and chrome yellow shadings. Large coral red buds, beautifully formed. A continuous and free bloomer. Charming fragrance. Ea. 50c.

Mad. Butterfly (H. T.). Sport of Ophelia, brilliant pink suffused apricot and gold; buds are lovely for corsages, wonderfully fragrant. Each 50c.

Mad. Caroline Testout (H. T.). A grand rose of the La France type, but with flowers larger and finer. Color, bright satiny pink; very fragrant and free in bloom. One of the handsomest roses and should be planted extensively. Each 35c.

Mad. Edouard Herriott (H. T.). Coral red, shaded yellow at base, passing to shrimp red, bronze and geranium red; hardy, vigorous. Each 60c.

Mad. Melanie Soupert (H. T.). Splendid new orange yellow, shaded pink; beautiful long-pointed buds. Best of its color. Each 55c.

Mad. Ravary (H. T.). Clear orange-yellow, tinted flesh and creamy buff; flowers of fine form, spreading cup shaped, double, richly fragrant. 75c.

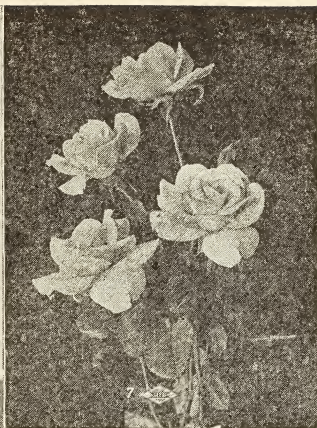
PORTLAND SEED Co.



PORTLAND, OREGON



(George Ahrends)



(Margaret Dickson Hamill)



(Mad. Melanie Soupert)

ALPHABETICAL LIST OF ROSES (RAMBLERS AND CLIMBERS ON PAGE 39)

Maman Cochet (T.). Color is a deep rosy pink, the inner side of the petals silvery rose; buds extremely large, beautifully formed, very full; outer petals reflexed. Each 45c.

Margaret Dickson Hamill. Delicate straw color, its shell-like petals flushed at the edges on the reverse side with delicate carmine-rose. Strong in growth, free blooming and exquisitely fragrant. Bronzy green foliage on deep crimson leaf-stalks. Very distinct and a gem among new roses. 50c.

Marquis De Sinety (H. T.). Deep saffron yellow, flushed reddish copper. Flower large, capped with high center petals large and crisp, fragrance rich. Stems curiously curved. Foliage dark and handsome. Each 75c.

Mildred Grant (H. T.). Silvery white flushed delicate pink. By far the largest variety in the H. T. class, and easily the largest rose of good form. Each 40c.

Miss Lolita Armour (H. T.). A magnificent rose; color chrome yellow at base of petals, shaded to coppery orange. Flowers very large, of finest form, on stout canes. Each 75c.

Miss Wilmott (H. T.). One of the most refined and charming roses ever raised, a uniform soft sulphur-cream slightly flushed toward the edges. A distinct variety that will appeal to all rose lovers. In shape and form a model of perfection. Each 55c.

Mrs. Aaron Ward (T.). A deep golden orange color shading out to lemon or creamy yellow at the edge of the petals. One of the most beautiful roses in existence. Each 55c.

Mrs. Alfred Tate (H. T.). Coppery red shaded fawn. Buds are about the longest we have ever seen on an outdoor rose. Will easily rank with the very best. Each 50c.

Mrs. Arthur Robert Waddell (H. T.). Long, pointed buds of rosy scarlet, opening coppery salmon, large semi-double, very showy. Fancy forcer, rampant grower. Handsome foliage. Ea. 55c.

Mrs. Charles Russell (H. T.). "American Beauty" can not compete with it when it comes to counting points. Stems three feet long, stiff and surmounted by grand rose-pink blooms. 50c

Mrs. F. W. Vanderbilt (H. T.). Deep orange red, shaded bronze apricot red. A very attractive variety, perfect in shape, fragrant, free producer. Ea. 65c.

Mrs. S. K. Rindge (Pern.) A sister variety of Lolita Armour. Buds very long and pointed, rich golden yellow outside of petals stained at base with Indian red. Each 75c.

Old Gold (H. T.). Medium sized flowers of a vivid reddish orange color with coppery red and coppery apricot shadings, fragrant, free flowers, vigorous grower. Each 90c.

Ophelia (H. T.). Orange salmon buds, opening to flowers of dainty pink. The foliage is clean, dark and leathery—growth vigorous and free, producing long canes. Blooms early and continuously. Each 55c.

Padre (Pern.). Coppery scarlet, flushed yellow at base, flowers semi-double with 15 to 20 petals, often curiously notched, exceptionally free bloomer. Color commands attention. Each \$1.00.

Papa Gontier (T.). A vivid cherry red shaded yellow, reverse of petals crimson; large buds, deep, open, semi-double; constant bloomer; valuable for forcing. Each 45c.

Paul Neyron (H. P.). Deep, shining pink rose, blooms freely, the largest variety in existence, finely scented, blooms first season and all summer, grows to a great height first season, stems almost thornless. Each 35c.

PORTLAND SEED CO. PORTLAND, OREGON





(Mad. Caroline Testout)



(Columbia)



(Hadley)

ALPHABETICAL LIST FO ROSES (RAMBLERS AND CLIMBERS ON PAGE 39)

Perle d'Or. (D. P.). Golden yellow with orange center, very double, exquisitely perfumed. A duplicate of Cecil Brunner except in color. Each 75c.

Premier (H. P.). A clear pleasing red that does not fade. Good form and habit, excellent for cutting and inside forcing; fragrant, thornless, free blooming. Each 60c.

Pres. W. R. Smith. Creamy white with shadings of pink, seedling from Mamman Cochet and K. A. Victoria. Each 45c.

Rayon d'Or (Pern.). A gorgeous yellow rose with wonderful foliage. Needs a little protection in severe winters; immune to mildew, free flowering. 50c.

Red Letter Day (H. T.). Brilliant glowing crimson scarlet, opening into medium-sized cactus-like flowers of curious formation. One of the freest blooming roses. Each 50c.

Richmond (H. T.). Vivid red buds and pure rich scarlet flowers of most perfect, desirable forms; free continuous flowering and a splendid forcer. Ea. 40c.

Sensation (H. T.). Enormous scarlet-crimson blooms of fine deep form, double, 30 to 35 petals of great size and substance, sweetly scented. Plant is strong and very active in sending up new blooming shoots. Each 90c.

Souv. de Claudius Pernet (Pern.). On the order of Constance or Golden Emblem but with large, elongated and beautifully formed buds. Clear brilliant yellow, shaded warmer in the center. Wonderful foliage. Each 90c.

Souvenir de Geo. Pernet (Pern.). Vigorous shrub, erect branches, foliage bronze green; bud shrimp-rose, tinted orange yellow, large full globular flowers. Each \$1.00.

Sunflower. Gold flamed and strained coppery old gold and orange; finely formed and fragrant. Each \$1.00.

Sunburst (H. T.). The finest of all yellow roses with long pointed buds; a giant rose, long stems. Color a superb cadmium yellow with orange yellow center. The foliage is a handsome bronze green; vigorous, free and healthy. Each 65c.

The Queen Alexandra Rose (H. T.). A most distinct rose by reason of the shading of its vermilion petals to old gold on the back, and at base. Attracts much attention. Each \$1.50.

Theresa (H. T.). Semi-double flowers of deep orange apricot passing to flushed pink. Each 35c.

Ulrich Brunner (H. P.). Extra large, bold flowers, full and globular; color, rich glowing crimson, elegantly flamed with scarlet, strong and disease resisting. Each 35c.

Viscountess Folkestone—Large flowers of creamy white and salmon pink, darker in center, fragrant; free flower and vigorous growth. Each 50c.

White La France (H. T.). Broad petals of silvery white with delicate pink shadings, large finely formed buds; fragrant; a free and continuous bloomer. Each 50c.

White Maman Cochet (T.). White with outer petals blushed; immense size, exquisitely fragrant; long, pointed buds. Each 45c.

William F. Dreer (H. T.). Soft shell pink, base of petals rich golden yellow. For delicacy of coloring has few if any equals. Each 65c.

Winnie Davis (H. T.). Flesh pink, outer petals silvery blush; buds long and pointed, flower large, not very double; an extremely heavy bloomer, especially in the spring. Each 60c.

All prices on Roses are F.O.B. Portland.
See page 33 about Shipping.

PORTLAND SEED Co.



PORTLAND, OREGON



(Crimson Rambler)



(Tree Druschki)



(Dorothy Perkins)

Popular Rambler Roses

THE RAMBLER ROSES ARE STRONG, VIGOROUS CLIMBERS, GROWING 10 TO 12 FEET HIGH IN ONE SEASON. TWO-YEAR-OLD PLANTS. PRICES F.O.B. PORTLAND

Baby Ramblers—A class of ramblers used for low rock work, embankments, walls or where heavy vines are not desired. Colors pink, yellow and crimson. Each 35c.

Dorothy Perkins, Rambler (H. W.)—A beautiful bright shell-pink; large double flowers. Very sweet scented, hardy, superior foliage. Each 30c.

Hiawatha, Rambler (T.)—Ruby crimson, with a clean white eye; large single flowers in clusters; excellent for climbing, trailing and forcing. Each 30c.

Lady Gay, Climber (H. W.)—Cherry pink, fading to soft white, flowers in large loose trusses, perfectly hardy, a mass of beauty from base of vine to tips of branches. 35c.

Red Dorothy Perkins, Rambler (H. W.)—Fine crimson Rambler; glossy green foliage; never troubled with mildew. Flowers very double, in brilliant colors; the handsomest of all red climbers. Each 30c.

Tausendschon Rambler—A lovely shade of soft pink, bright clusters of blossoms, almost covering foliage, few thorns, free and vigorous; splendid foliage. Each 30c.

Philadelphia Crimson Rambler (P.)—A light crimson, improved form of Crimson Rambler, flowers brighter, larger, more double much less susceptible to mildew. Ea. 30c.

Climbing and Pillar Roses

TWO-YEAR-OLD BUSHES, FIELD GROWN, DIAMOND QUALITY, PRICES F.O.B. Portland
American Beauty (Climber)—Rich crimson color, delightfully fragrant; very free bloomer. Each 50c.

Cecil Brunner, Climber (C. P.)—Clusters of pretty pink flowers, especially beautiful in bud. Each 75c.

Dr. W. VanFleet (W.)—Flowers large with high-built center and petals beautifully undulated and cupped. Color the most beautiful shade of shell pink ever seen in a rose. A rank climber, immune from mildew. 60c.

Glorie de Dijon, Climber (C. T.)—An old favorite, noted for its free flowering, its delicate tea scent, and its shades of color, being a blending of amber, tinted salmon and rose. Each 60c.

General McArthur, Climber (H. T.)—Dazzling crimson scarlet; delicious perfume and magnificent foliage. Blooms in great profusion. Each 60c.

Kaiserin A. Victoria, Climber (C. H. T.)—Strong rapid growing climbing form of the popular rose. Fine large ivory white flowers. Each 75c.

LaFrance, Climber (C. H. T.)—Identical with the well known LaFrance; vigorous climber, early and late flowering. Each 75c.

Mad. Caroline Testout, Climber (C. H. T.)—Immense globular flowers of the same beautiful shade of pink as seen in the bush sort, a rampant climber. Each 60c.

Marechal Neil, Climber—A magnificent deep golden yellow variety; so famous as to need no description; finest of its color. Ea. \$1.

Paul's Scarlet Climber (H. W.)—By all means the most brilliant rose known in any class because of its clear, vivid, shining scarlet in large semi-double flowers. These flowers retain their intense coloring until petals fall. Cannot be too heartily commended as essential in any garden. Each 75c.

Pink Cherokee, Climber—Lovely single blossoms, 3 to 5 ins. in diameter, saucer shaped and of a beautiful shade of light pink. 60c.

Silver Moon, Climber (H. W.)—Similar in habit of growth to Dr. VanFleet, but with large saucer-like single flowers of silvery white color. Flowers of wonderful substance on long stems. Each 60c.

Sunburst, Climber—A splendid climber of the same beauty and freedom of bloom as the bush form of this popular rose. Ea. \$1.00.

William A. Richardson (N.)—Very deep orange yellow. Flowers medium in size but freely produced. A very fine rose. Ea. 75c.

PORTLAND SEED Co.



PORTLAND, OREGON

Deciduous Shrubs

Deliveries are made from November until May, orders are accepted at any time for delivery in season.

We use every precaution to deliver healthy, vigorous stock, but the measure of your success will depend upon the planting and care given, as careless or ignorant handling kills thousands of fine trees and plants every season. Avoid unnecessary exposure of roots to the air. In the case of evergreens that are "balled," do not remove the burlap. Plant as received, only cut the string around the top, then loosen burlap after tree is set. If you cannot plant immediately on receipt, always "heel" in so roots may be in contact with good soil.

If the soil is good and properly prepared, only a hole large enough to easily take the roots need be dug, but better results can always be obtained by digging out a large space and filling in with good top soil. In setting the trees, do not put deeper than they stood in the nursery, excepting some dwarfs, which go a little deeper. Be Sure to Pack Earth Solidly Around Roots. Neglect of this is responsible for many failures.

ALMOND (PRUNUS)

Pink Flowering (P. Japonica)—Early dwarf, double pink flowers in festoons. Each \$1.25.

ALTHAEA (ROSE OF SHARON)

Late summer blooming, continues into fall, flowers resemble hollyhocks. Colors pink, white or red. Each 75c.

AZALEA

A. Mollis—Low growing, with gorgeous yellow flowers before leaves appear. Each \$2.50.

BERBERRY

B. Thunberg (Japanese)—Low growing, clusters of white flowers in May. Foliage changes to red in autumn. Each 75c.

BOX LEAF ELDER

Variegated—Hardy, leaves almost pure white, 4 to 6 ft. Also in silver and gold coloring. Each \$3.00.

BUDDLEYA (SUMMER LILAC)

Magnifica—Long spikes of lilac-like flowers, lavender-blue. Blooms from June to frost. Fine for lawn or tall hedge. 2-year plants. Each 75c.

BROOM

Alba (White)—Hardy, blooms in spring. 75c.
Scarapius (Scotch)—Bright yellow flowers. 75c.
Juncea (Spanish)—Most beautiful of all, blooms all summer. Each \$1.00.

CALYCANTHUS

Floridus (Sweet Scented Shrub)—Dark crimson double flowers, fragrant, blooms all season. Each 75c.

CHERRY

Japanese Weeping—Double pink flowers. Ea. \$5.00; single pink flowers, each \$4.00.

CRAB

Bechtel's Flowering—Masses of double pink rose-like flowers, fragrant. Tree shape. Each \$1.50.

DEUTZIA

Pride of Rochester (Crenata)—Pure white double flowers, bloom May-June. Ea. 75c.

Lemoines—Large clusters pure white flowers, hardy and popular. Ea. 75c.

Wateri (D. Crenata Flora Rosa Plena)—Dainty double pink flowers. Each \$1.00.

Gracilis—Dwarf, white flowers tinged pink. Each \$1.00.

ELAEGNUS

Japan, China—Ornamental shrub of spreading habit, silvery leaves, numerous small yellowish-white fragrant flowers; scarlet fruit in large clusters. Fruit is edible and makes delicious jelly or juice. 1½ to 2 ft. Each \$1.00; 2½ to 3 ft., each \$2.50.

FORSYTHIA (GOLDEN BELL)

F. Fortunei—Dense masses of yellow flowers in early spring; a beautiful lawn tree. 75c.
Intermedia—Early spring blooming of yellow flowers. Grows to 4 ft. Each \$1.00.

HONEYSUCKLE (BUSH)

White Tartarian—Bushy growth, flowers freely, red and orange berries remain till fall. 75c.

HYDRANGEA

Japanese Otaksa—Beautiful lawn plant, flowers pink, blue and white, depending on minerals in soil. For shady places. 75c to \$1.50.

Paniculata Grandiflora (Tree Hydrangeas)—3 to 4 ft., white flowers changing to pink. Each \$1.00.

HYPERICUM

Patulum Henryi—Height 4 ft., large yellow flowers in masses during fall. Each 75c.

KERRIA

Very graceful shrub, bright yellow flowers in early spring, vivid green branches, showy in winter. Each 75c.

LILAC (SYRINGA VULGARIS)

Each 75c; grafted, each \$1.25.
Common—White or purple flowers.
Chas. Sargent—Enormous violet-mauve flowers.
Hippolyte Maringer—Purplish-mauve.
Jean Bart—Rosy-violet, buds carmine.
Maximowicz—Large heliotrope, silvery blooms.
Miss Ellen Wilmott—Snow white, very large.
Christophe Colombe—Pale lilac, purple buds.
Dr. Breitschneider—White, purple buds, late.
Nigricans—Lilac flowers, very fine.
Perle Von Stuttgart—Pure white.

MOCK ORANGE (SYRINGA)

Large hardy shrub with profusion of creamy white flowers, very fragrant. Each 75c.

PRUNUS (FLOWERING PRUNE)

P. Pissardi—Foliage and fruit red, covered in spring with clouds of white flowers. \$1.00.
P. Blivians—Double pink flowers. Ea. \$2.00.
P. Vesuvius—Light green foliage, turns to blood red in fall. Showy fruit. Each \$1.50.

QUINCE (JAPANESE FLOWERING)

Bright scarlet flowers, early spring. Ea. \$1.00.

RUSSIAN OLIVE

Large shrub, silvery foliage, yellow flowers in May, yellow berries follow. Each \$1.00.

SPIRAEIS

Thunbergii—Abundant blooms, very fine. 60c.
Billard's—Red flowers in dense spikes. 60c.
VanHoutte's Bridal Wreaths—Very graceful, white flowers in round clusters. May. 60c.
Crimson (S. Bumalda)—Red flowers. Ea. 60c.
Japanese—Rosy pink flowers in July. 60c.
Blue—Bright blue flowers in autumn. 60c.

SNOWBALL

Pure white flowers in May. 3 to 4 ft. Ea. 75c.

TAMARIX

Juniperiana (African)—Pink flowers. \$1.00.

WEIGELIA

Candida—White flowers, tall bush. 75c.
Rosea—Light pink, compact shrub. 75c.
Eva Rathke—Red flowers, very fine. 75c.
Variegated—Silvery leaves, beautiful. 75c.

PORTLAND SEED CO.



PORTLAND, OREGON

Evergreen Shrubs

ABELIA

Grandiflora—Small glossy leaves, tubular shaped flowers bluish pink, late summer blooming. Each \$1.50.

AUCUBA (JAPANESE LAUREL)

Japanica—Variegated shrub, yellow spotted leaves, red berries after a certain age. \$1.50.
Japanica, Green—Leaves glossy green, bears fruit which stays on all winter at age of two years. Each \$1.50.

AZALEA

Crimson—A. Hinodegri (Asahi)—Evergreen from Japan, bright, minute, waxy foliage that turns gamete in winter. Loaded in early spring with masses of scarlet flowers. Choice of plants, each \$2.00.

BARBERRY

Berberis Darwini—Holly-like leaves, blue berries, clusters of yellow flowers in early spring; desirable for hedges. Each \$1.00.
B. Wilsoni—Introduced from China; dwarf shrub, small green leaves turn to red in fall; long spines. Each \$1.00 to \$1.50.
Berberis Vericulosis—Similar to Darwini; more brilliantly colored in fall; dwarf. Each \$1.25.

BOXWOOD (BUXUS)

Pyramidal—Cone-shaped plant of great beauty. 2 to 2½ ft. Each \$4.00; 2½ to 3½ ft. \$5.00.
Globe—Globe-shaped. Each \$2.00 to \$4.00.
For boxwoods for hedges and borders, write for prices on quantity desired.

CAMELLIA

Small tree, waxy leaves, beautiful waxy flowers, resembling a small rose. Assorted colors only. 1½ ft., each \$1.50.

COTONEASTER

Very beautiful, practically evergreen, fine cut leaves, showy red berries stay on all winter. Bush, trailing and tall varieties.
C. Horizontalis (Trailing)—Low growing with long horizontal branches. Each \$1. to \$1.50.
C. Microphylla—Trailing form. Each \$1.50.
C. Franchetti—Large size, gracefully drooping, masses of red berries in fall. Ea. \$1.50.
C. Simonsii—Upright growing, bright leaves, pinkish flowers, red berries all winter. Fine for massing. Each 75c to \$2.00.

DAPHNE (ODORA)

Japanese shrub with waxy light green foliage, pink and white flowers in early spring of wonderful fragrance. Well rooted out of 5 in. pots. No color guarantee. Each \$2.00 to \$3.50.

HOLLY (ILEX)

English (Aquifolia)—Prickly dark green foliage, grows moderately fast, covered during winter months with bright red berries. Berry-bearing trees, each \$3.00 up.

LAURISTINUS

Dark green leaves, flowers white, tinted with pink, blooming late winter and early spring. Each 75c to \$2.00.

LAUREL (ENGLISH LAUREL)

Lauro-Cerasus—Small tree-shrub; large, handsome, shining foliage all year. Fine for hedges and specimen plants. Each 75c to \$2.50. (For hedge plant size write for prices on quantity desired.)

LONICERA

Nitida (Evergreen Bush Honeysuckle)—Slender branches, bright glossy foliage. Excellent for massing or tub plant. Each \$1.00 to \$1.50.

OREGON GRAPE

Mahonia Aquifolia—Official flower for the state of Oregon. Each 75c to \$2.00.

PORTUGAL LAUREL

Beautiful slow growing laurel, dark green glossy leaves, small, very compact. 18 to 24 in., each \$2.00; 24 to 30 in., each \$3.00.

PRIVIT (LIGUSTRUM OVALIFOLIUM)

Golden Privit—Beautiful variegated shrub to plant among evergreens, giving a wonderful effect. 2 ft., each \$1.00 to \$1.50.

California Privit—Our best plant for hedges. Plant in double row 2 ft. apart, 6 in. between plants.

18 to 24 in., 10 plants \$1.00, 100 for \$ 7.50
24 to 30 in., 10 plants \$1.25, 100 for \$10.00

PYRACANTHA

Evergreen Thorn—Tall growing, long narrow green leaves, small white flowers, followed by orange berries all winter. We have orange-scarlet and orange-yellow berried plants. Each 75c to \$1.50.

RHODODENDRON

Grafted varieties. Very scarce. Each \$8.00; seedlings, each \$3.00.

VERONICA

Shrubs of compact growth, forming well rounded specimens which can be used singly or in groups.

V. Buxifolia (Box Leaved)—Small, upright growth, white flowers. Each 75c to \$1.50.

V. Cypressoides—Globular shape, numerous slender branches clothed with scale-like leaves. Each 50c to \$1.50.

V. Traversi—Upright, hardy variety, white flowers. Each 50c to \$1.50.

Subscribe to "BETTER FLOWERS"

"Published where the flowers are grown." For real information on Pacific Northwest flower growing practices you should read this magazine published in Portland. It is the official publication for the PORTLAND ROSE SOCIETY, ROYAL ROSARIANS, PORTLAND ROSE FESTIVAL ASSOCIATION, NORTHWEST REGIONAL GLADIOLUS SOCIETY, CLARK COUNTY FLORAL SOCIETY, and many city garden clubs of the Northwest. It is only \$1.00 per year and we gladly recommend it. Subscriptions may be sent to us.

PORTLAND SEED Co.  PORTLAND, OREGON

Deciduous Trees

All Prices f. o. b. Portland

ASH

American White—Broad, round head and dense foliage. Very fine. Each \$1.50.

BIRCH (BETULA)

Cut Leaf (B. Alba).—Silvery white bark, slender drooping branches. Each \$3.00.

CATALPA

Splendid trees, white flowers, bright foliage. Western (Speciosa).—Very rapid grower, a quick shade. 7 to 8 ft., each \$1.50.

Bungei—Dwarf rounded variety, in outline like Bay Trees. 6 to 8 ft., each \$3.00.

DOGWOOD (CORNUS FLORIDA)

White Flowering—Flowers white, blooming in spring. 4 to 5 ft., each \$1.50, 10 ft. \$12.00.

ELM

American White—A magnificent tree with drooping branches. 7 to 8 ft., \$1.50; 10, \$15. English—A rapid grower, standing erect and compact, dark green. Each \$1.50.

HAWTHORN

Paul's Double Scarlet (C. Monogyna Pauli).—A tree of fine habit; flowers bright scarlet, large, full and very double in heavy clusters on long sprays. Each \$2.50.

Double White (C. Monogyna Alba Plena).—Flowers small. Leaves lustrous green. \$2.50.

HORSE CHESTNUT (AESCULUS)

White Flowering (A. Hippocastanum).—Foliage showy, flowers stand in upright panicles. Each \$1.50.

LABURNUM (GOLDEN CHAIN)

L. Vulgari—A small tree with long, drooping racemes of fragrant yellow flowers. \$1.50.

LINDEN (TILIA)

American (T. Americana).—Shapely and handsome, foliage large. Each \$1.50.

European (T. Europea).—Similar to American. Leaf smaller. Each \$1.50.

LOCUST (ROBINIA)

Black (R. Pseudacacia).—Rapid grower; fine for street planting. Each \$1.50.

Honey Locust (Triacanthus).—Each \$1.50.

MAPLE (ACER)

Oregon Soft (A. Macrophyllum).—A rapid grower, fine for avenues. Each \$1.50.

Norway (A. Platanoides).—Large, compact, foliage deep green. 9 to 10 ft. \$1.50.

A. Platanoides Schwedleri—Purple Leaf Maple. Variety Norway Maple. Young leaves are deep purple. As summer advances changes to green. 6 to 8 ft., each \$3.00.

MOUNTAIN ASH (SORBUS)

European (S. Aucuparia).—White flowers, then beautiful red berries. Each \$1.50.

American (S. Americana).—Very ornamental, handsome foliage turning orange red in the fall. Red berries remain on the tree most of the winter. Each \$1.50.

OAK (QUERCUS)

Pin Oak (Q. Palustris).—This Pin Oak is by far the most planted of all the native oaks. Graceful in form, glossy deeply pinnated foliage. Each \$2.00.

Red Oak (Q. Rubra).—Ideal for lawn or street. Each \$2.00.

POPLAR (POPULUS)

6 to 8 ft., \$1.50; 8 to 10 ft., \$2.00.

Bolle's Silver (P. Alba Bolleana).—A compact upright grower, foliage glossy.

Lombardy (P. Nigra Fastigiata).—An erect, rapid grower.

SYCAMORE OR PLANE (PLATANUS)

Erect growing tree with mottled trunk. Foliage bright green. Each \$1.50.

VARIEGATED BOX LEAF ELDER

Variegated, hardy, leaves almost pure white. Nothing finer for specimen planting. 4 to 6 ft., each \$3.00.

WEeping WILLOW (SALIX)

Wisconsin (S. Babylonica dolorosa).—Large glossy leaves, pendulous habit. Each \$1.50.

American (S. Babylonica).—The well known common weeping willow. Each \$1.50.

Coniferous Evergreens

ARBOR VITAE (THUYA)

American (T. Occidentalis).—Native, known as cedar. Foliage bright green, yellow-green underneath, bronze in winter. Each \$1.50.

Pyramid Arborvitae (Thuya Lobbi).—Bright green leaves above and dark glossy green leaves beneath. 2 to 2½ ft., each \$3.00.

CEDAR

Deodar or Indian Cedar (C. Deodara).—Very handsome; branches drooping; foliage silvery green. Very popular. Each \$2.50.

Red Cedar (Juniperus Virginiana).—Native with striking form and color. Each \$2.50.

CYPRESS (CUPRESSUS)

New Varieties

Alumii—Handsome pyramid shaped conifer. Foliage greenish-blue. Each \$3.00.

Lawson's (Chamaecyparis Lawsoniana).—Graceful and conspicuous; branches horizontal, slightly pendulous, foliage dark green. Each \$1.50 to \$5.00.

Italian—Bright green. Very compact in growth, nothing finer in upright type. 2 to 3 ft., each \$2.50; 3 to 4 ft., each \$3.00.

CRYPTOMERIA

Elegans (Japanese Cedar).—Delicate green foliage and graceful habit. Color changing to reddish-brown. 2 to 2½ ft., each \$3.50.

Japonica—Open branched type, resembling the Sequoia Gigantea, but of slower growth. 2 to 3 ft., each \$2.50.

FIR (ABIES)

Norman's (A. Normanniana).—Lustrous green foliage, very symmetrical. Each \$3.00.

JUNIPER (JUNIPERUS)

Irish (J. Communis hibernica).—Pyramidal form, foliage silvery gray. 2 to 3 ft., \$3.00.

Common (J. Communis).—Branches spreading. Fine trees. 2½ to 3 ft., each \$3.00.

RETINOSPORA

Plumosa Aurea—Golden. Each \$4.00.

Squarrosa—Dense, compact. Foliage with feathery branches. Light bluish green. \$3.00.

SPRUCE (PICEA)

Norway (P. Excelsa).—A lofty, rapid grower; branches drooping. Fine for hedge or wind-break. 2 to 3 ft., each \$3.00.

PORTLAND SEED CO.



PORTLAND, OREGON

Fruit Trees

DIAMOND QUALITY

In this small catalog space is not available to describe each variety of fruit, but complete list of varieties and prices are given. If you are not familiar with the varieties, write us for complete descriptive list and for advice with reference to your special needs.

Deliveries are made from November to May, but orders are accepted at any time for delivery in season.

Prices are F.O.B. Portland. For parcel post add sufficient for postage.

APPLES

	Each	10	100
First grade, 2 years.....	\$0.75	\$6.00	\$45.00
First grade, 4 to 5 feet....	.50	4.00	35.00
First grade, 1 yr., 3-4 ft....	.40	3.50	30.00

Summer Varieties

Early Harvest	Red Astrachan
Gravenstein	Yellow Transparent

Autumn and Winter Varieties

Baldwin	Northern Spy
Delicious	Spitzenberg
Grime's Golden	Wealthy
Jonathan	Winter Banana
Multnomah	Yellow Bellflower
Ortley or White	Yellow Newtown
Bellflower	Pippin

Crab Varieties

Florence	Transcendent
Red Siberian	

APRICOTS

4 to 5 ft., each 75c; 10, \$6.50; 100, \$50.00

Varieties

Blenheim	× The Lewis
Moospark	Tilton
Royal	

CHERRIES

First year, 4 to 6 ft., each \$1; 10, \$9; 100, \$75

Varieties

Bing	Late Duke
Black Republican	May Duke
Kentish	Royal Ann
Lambert	

NECTARINES

4 to 5 ft., each 75c; 10, \$6.50; 100, \$50.00

Varieties

Boston	Early Violet
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PEACHES

4 to 5 ft., each 75c; 10, \$6.50; 100, \$50.00

Varieties

Early Alexander	Mayflower
Early Crawford	Muir
Elberta	Salway
Hale's Early	Tuscan Cling
Late Crawford	

PEARS

First grade, 2 years, 4 to 6 ft., each \$1.00;

10, \$8.50; 100, \$75.00

First grade, 1 year, 4 to 6 ft., each 75c;

10, \$6.50; 100, \$60.00

Autumn Varieties

Bartlett	Fall Butter
Beurre Bosc	Flemish Beauty
Comice	Seckel

Winter Varieties

P. Harry	Winter Nellis
Winter Bartlett	

PLUMS

	Each	10	100
1 year, 4 to 6 ft.....	\$0.40	\$3.50	\$30.00
2 year, 4 to 6 ft.....	1.00	8.00	70.00

Varieties

Bradshaw	Maynard
Columbia	Peach
Coe's Golden Drop	Prinlew Plum
Damson	Satsuma
Damson Shropshire	Washington
Green Gage	Yellow Egg

PRUNES

	Each	10	100
First grade, 2 years.....	\$1.00	8.00	\$70.00
First grade, 1 yr., 6-8 ft....	.75	6.00	55.00
First grade, 1 yr., 4-6 ft....	.40	3.00	25.00
First grade, 1 yr., 3-4 ft....	.30	2.50	20.00

Varieties

Giant	Pacific
Hungarian	Petite
Italian	

QUINCE

First grade, 2 years, each 75c; 10, \$6.50

Varieties

Apple	Champion
Orange	Pineapple
Prices f.o.b. Portland, postage extra if mailed	

Nut Trees

ALMOND

3 to 5 ft., each 75c; 10, \$6.00; 100, \$50.00

Varieties

IXL	Nonpareil
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BUTTERNUT

4 to 6 ft., each \$1.50; 10, \$12.50

FILBERTS

2 to 3 ft., each 75c; 10, \$5.00

Varieties

Barcelona	White Aveline
DuChilly	

Walnut Trees

GRAFTED WALNUTS

Franquettes—We offer a splendid strain grafted on four-year California Black Walnut sturdy, thrifty trees with big fibrous roots. The best to plant. Comes to bearing much younger than seedling walnut. Prices, f.o.b. Portland—3 to 4 ft., each \$1.50; 4 to 5 ft., each \$2.00; 5 to 6 ft., each \$2.50... Cannot be mailed.

SEEDLING WALNUTS

Franquette and Mayette—Second generation. Each \$1.00.

California Black—A rapid grower; nut medium size; hard, smooth shell. Each \$1.75.

PORTLAND SEED CO.



PORTLAND, OREGON



Diamond Quality

Strawberry Plants

FOR
IMMEDIATE
DELIVERY

DIAMOND QUALITY

Large, vigorous, healthy plants, heavily rooted, free from disease and pests. We dig as ordered and pack for shipment in ventilated crates of 1000 plants each. Grown from our own select strains and always true to name. Officially inspected in the field by the State Horticultural officers and our own inspectors.

NEW OREGON—The best, most uniform, heaviest yielding, main crop strawberry.

GOLD DOLLAR—Extra early.

MAGOON—Especially adapted to western Oregon and Washington.

PRICES—All varieties above:

Postpaid, doz. 30c; 25, 50c; 100, \$1.50.

Not prepaid, 25, 40c; 100, \$1.00; 1000, \$8.00.

Not less than 500 of a kind at 1000 rate.

Special prices on 3000 or more.

FALL OR EVERBEARING STRAWBERRIES

Progressive—Rich red color, firm, delicious, good keepers and shippers, yield heavily until frost.

Postpaid, doz., 60c; 25, 75c; 100, \$2.00.

Not prepaid, doz. 30c; 25, 50c; 100, \$1.75; 1000, \$12.50.

Grapes

Prices, 2-year plants, not prepaid (post extra)
Each, 20c; 10, \$1.75; 100, \$15.00; special prices on quantities.

CAMPBELL'S EARLY—Nearly black, light purple bloom, August.

MOORE'S EARLY—Resembles Concord, more pulp and earlier.

CONCORD—Large black, August.

DELAWARE—Bright red, grows freely, Aug.

NIAGARA—Called White Concord, Sept.

WORDEN—Large black, imp. Concord, Sept.

LUCILE—Medium large red, very hardy.

Blackberries

Prices, 1-year plants, not prepaid, each, 20c; 10, \$1.75; 100, \$15.00 (postage extra).

HIMALAYA GIANT—Improved evergreen, coreless berries, large, rich, juicy.

ELDORADO—Sweet and rich, fine for Oregon.

LAWTON—Large fruit, very productive.

THORLESS MAMMOTH BLACKBERRY

(Cory)—A strong, vigorous grower; bears prolific; canes grow thick and stout until 5 or 6 ft., when they take the trailing habit, at which time they should be trellised. Delicious flavor, resembling the wild blackberry. It is self-fertilizing—never been known to fail to bear. Another very important feature is that it is almost seedless. Tips, spring del. only, each 20c; 100, \$12.00; 1-year transplanted, each 25c; 100, \$20.00.

Rhubarb

PANAMA RHUBARB—Everbearing, growing continuously throughout the year. Frost will not kill it; more than twice the ordinary size; stems often 3 ft. long and weighing 2 lbs. Uses less than half the sugar and should not be peeled. Roots are known as subdivisions. Each 35c, doz. \$3.75, postpaid; 100, \$30.00 f.o.b. Portland.

Culture—Plant crown even with surface of ground, 3 to 4 ft. apart in row and rows 4 to 5 ft. apart; water immediately; keep well cultivated close to plant for 2 ft. distance. Irrigate each week for two months, cultivate after each irrigation.

RIVERSIDE GIANT RHUBARB—An excellent quality, thin skin, crisp and tender, production averages 35 tons per acre for the season; cuttings begin in March, ending in July; usually four are made. Each 15c; doz. \$1.50; 100, \$7.50, f.o.b. Portland. Special prices on large lots.

Asparagus

GIANT WASHINGTON PEDIGREED ASPARAGUS—The best ever produced, grown especially for us by one of our best growers. Plant in rows 5 ft. apart, 15 in. apart in row, about 7500 plants to the acre. Complete description and cultural directions sent on request.

Price—No. 1 (formerly listed 2-year) plants, postpaid: doz., 50c; 50, \$1.00; 100, \$1.50. By express or freight, not prepaid, 50, 90c; 100, \$1.25; 1000, \$8.00.

Price—No. 2 (formerly listed 1-year) plants, postpaid, doz., 40c; 50, 75c; 100, \$1.25. By express or freight, not prepaid, 50, 60c; 100, \$1.00; 1000, \$6.00. Write for quantity prices.

Loganberries

PRICES—Not prepaid: large, well rooted plants, 2-year, each, 25c; 10, \$2.25; 100, 20.00; 1-year, each, 20c; 10, \$2; 100, \$15.

Raspberries

BLACK CAPS

Not prepaid, 2-year, each, 25c; 10, \$2.25; 100, \$20; 1-year, each, 20c; 10, \$1.50; 100, \$12.50

Gregg—Good size, productive and hardy.

Plum Farmer—Large, black, hardy, productive.

RED CAPS

Not prepaid, 1-year, ea., 10c; 10, 75c; 100, \$3. **Cuthbert**—Deep rich red, large and firm; ripens medium to late.

Currants

Each 25c; 10, \$2; 100, \$12.50, f.o.b. Portland.

PERFECTION—Bright red, rich flavor.

CHERRY—Very large, deep red.

FAY'S PROLIFIC—Bright red, very sweet.

WHITE TRANSPARENT—Best white known.

Gooseberries

Each 25c; 10, \$2; 100, \$12, f.o.b. Portland.

OREGON CHAMPION—Very large, sweet, pale green; bush strong, prolific bearer.

PORTLAND SEED CO.



PORTLAND, OREGON

Diamond Quality Grass Seeds

Prices given on this page covering grass seeds are postpaid to your address up to and including the fourth zone. For larger quantities, to use on golf courses, parks, etc., write for prices, stating the quantity desired. Every mixture has been prepared especially for the purpose named and has back of it our 34 years of experience. All grass seeds are tested in our own laboratory and thoroughly recleaned. Prices subject to market changes.

Lawn Mixtures

Diamond Fancy Lawn Grass Mixture.

Carefully selected for deep-rooting, close-growing habits, producing an ideal, dense, velvety turf that remains green throughout the year. Sow 1 pound to 200 sq. ft. 1 lb., 50c; 10 lbs., \$4.50, postpaid.

Diamond Fancy Lawn Grass mixed with

Creeping Bent. This mixture has sufficient Creeping Bent to eventually dominate the lawn and crowd out the weeds. 1 lb., 85c; 10 lbs., \$7.50, postpaid.

Diamond Putting Green Mixture.

To meet the demand of those who want a lawn like a putting green. 1 lb., \$1.10; 10 lbs., \$10.00, postpaid.

Diamond Shady Lawn Mixture.

For a fine velvety lawn in shady places where most grasses do not thrive. 1 lb., \$1.00; 10 lbs., \$9.00, postpaid.

Fine Mixed Lawn Grass.

Good clean mixture for general use. 1 lb., 40c; 10 lbs., \$3.50, postpaid.

Lawn Grasses

FOR LAWNS AND PASTURES.

These varieties of grasses are known to most everyone; for full descriptions see our complete Annual Catalog. Ask for prices on larger quantities.

Prices Postpaid

1 Lb. 10 Lbs.

Kentucky Blue Grass	\$.45	\$4.00
Red or Creeping Fescue ....	.50	4.50
English Eye, Short Seeded ..	.30	2.50
Rough Stalk Meadow Grass ..	.80	7.50
Red Top Hulled .....	.50	4.50

WHITE DUTCH CLOVER FOR LAWNS

Diamond Fancy, 1 lb., 65c; 10 lbs., \$6.00, Fancy, 1 lb., 60c; 10 lbs., \$5.50, postpaid.

Clovers and Alfalfas

Prices below are for small quantities and are postpaid to fourth zone. For larger quantities write for special quotation. All prices subject to market changes.

Prices Postpaid

1 Lb. 10 Lbs.

Yellow Sweet Clover, Bi-annual (Melilotus Officianilis) \$	.30	\$2.50
Yellow Sweet Clover, Annual (Melilotus Indica)	.25	2.00
White Sweet Clover, Bi-annual (Melilotus Alba) ...	.30	2.50
Hubam Sweet Clover, Annual	.55	5.00
Crimson or Scarlet Clover ..	.30	2.50
Mammoth Red Clover .....	.52	4.70
Red Clover .....	.50	4.50
Ladino White Clover	2.00	....
Alsike or Swedish Clover ...	.45	4.00
Grimm Alfalfa (Certified) ..	.60	5.30
Dry Land Alfalfa .....	.35	3.00
Alfalfa, Domestic .....	.35	3.00

Creeping Bent Grass

(Agrostis Maritima)

Pacific Creeping Bent. This is the true creeping bent grass, grown on this coast; especially recommended for lawns and golf courses. It makes an exceptionally fine turf that smothers out other weeds. 1 lb., \$2.25; 10 lbs., \$20.00, postpaid.

Chewing Fescue

Chewing Fescue. A low-growing grass, forming a close turf, preventing ingress of weeds; permanent in all kinds of soils, even the lightest and dryest. Unexcelled for lawns and golf courses. 1 lb. 50c; 10 lbs. \$4.50, postpaid.

Pasture and Hay

Prices below are for small quantities postpaid; for large quantities ask for latest price list, as quantity prices are subject to market changes.

Prices Postpaid.

1 Lb. 10 Lbs.

Tall Meadow Oat Grass	\$.35	\$2.75
Timothy .....	.25	1.75
Italian Rye Grass .....	.25	2.00
English Rye Grass .....	.25	2.00
(Lolium Perenne)		
Mesquite Fancy Hulled ....	.35	3.00
Orchard Grass, Fancy East. .	.35	3.00
Kentucky Blue Grass .....	.45	4.00
Canadian Blue Grass .....	.50	4.80
Meadow Fescue .....	.40	3.50
Tall Fescue .....	.35	3.00
Bromus Inermis .....	.35	3.00
Bermuda Grass .....	.85	7.25
Crested Dog's Tail .....	.75	6.50

Pasture Mixtures

These mixtures are especially prepared by us for the purposes named, after years of experience. For full descriptions see our complete Annual Catalog. Prices are for small quantities. For large quantities get our latest market price list.

10 Lbs. Postpaid

No. 1. For Good Loamy Soil	\$3.70
No. 2. For Irrigated Lands	3.80
No. 3. For Light Sandy Soil	4.20
No. 4. For Dry Land	4.00
No. 5. For Wet Land	3.70
No. 7. For Seashore Tidelands ...	3.70
No. 8. For Arid or Alkali Land ...	3.70
No. 10. For Dry Hill Land	3.70
No. 11. For Grazing (no clover) ...	3.80
No. 12. For Burned Over Land	3.70
No. 16. Lowland Pasture	2.50
(100 lbs., \$17.50, f. o. b. Portland)	
No. 17. Upland Pasture	2.50
(100 lbs., \$17.50, f. o. b. Portland)	
Special, for Logged Off Lands	2.25
(100 lbs., \$15.00, f. o. b. Portland)	

PORTLAND SEED CO.



PORTLAND, OREGON

The Secret of the best results in growing flowers, vegetables, trees, lawns is Fertilizer!

Fertilizers are simply **plant foods**, administered more scientifically and in better proportions than they are provided in the natural soil. Horses, pigs, hens, birds and people do not thrive on the same diet, and the same is true of plant life. Wonders have been accomplished in transplanting plants of all kinds from all parts of the globe to our own gardens, but to get the **BEST** results we should add to the soil additional "foods" in order to force their growth and health to the highest degree.

A complete list of practical fertilizers is given below, but if more information is desired, write for our **SPECIAL FERTILIZER BOOKLET**. It is instructive, reliable, of great value, and is free.

Diamond Plant Food. For ferns, palms and house plants, highly concentrated, producing luxuriant foliage and larger, more brilliant flowers. A 40c pkg. will feed a dozen large plants for a year. Instructions on each pkg. ½-lb. pkg. 25c; postpaid 35c; 1-lb. pkg. 40c; postpaid 50c.

Diamond Odorless Lawn and Rose Fertilizer. Promotes a vigorous, healthy growth, giving the desired dark rich green appearance; can be used at the time seed is planted and later as a top dressing. 100 lbs. is sufficient for an ordinary city lot, is far more effective and less objectionable than stable manure. Remember, it contains no weed seeds. When used as a top dressing it is best to make several light applications about two weeks apart. 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.65; 100 lbs. \$3.00; ton \$57.00.

Diamond General and Vegetable Fertilizer. An all-round fertilizer, which can be used on any crop, but is especially adapted for grain and general farm crops. 10 lbs. 50c; 100 lbs. \$2.60; ton \$50.00.

Diamond Fruit and Onion Fertilizer. Also used for blackberries, raspberries, strawberries, etc. 10 lbs. 50c; 100 lbs. \$2.85; ton \$55.00.

Bone Meal. Fine ground, one of the best fertilizers. A very valuable enricher of the soil, and one of the most economical. 5 lbs. 30c; 10 lbs. 50c; 100 lbs. \$2.50; ton \$48.00.

Sheep Guano. The best natural manure, dried and ground. Concentrated, soluble; quick in action, and free from weed seed. Splendid for vegetables; fine for roses and flowers. Excellent for lawns. 10 lbs. 40c; 25 lbs. 75c; 50 lbs. \$1.00; 100 lbs. \$1.50; ton \$23.00.

Superphosphate. A concentrated form of phosphoric acid. Per lb. 5c; 100 lbs. \$1.75; ton \$33.00.

Tankage. Meat scraps and bone, dewatered in a vacuum, very rich in phosphoric acid and nitrogen. Per 100-lb. sack \$2.80; ton \$54.00.

Nitrate of Soda. For immediate results Nitrate of Soda is the very best for stimulating and forcing the growth of plants or any other crop. 1 lb. 10c; 100 lbs. \$3.35; ton \$65.00.

Fish Guano. Fish cooked, dried and ground is a strong fertilizer, rich in nitrogen, carrying considerable phosphorus and largely used by vegetable growers. We do not recommend this for lawns or city use, as odor is objectionable. 100 lbs. \$3.50; ton \$68.00.

Hydrated Lime. 100 lbs. \$1.50.

Muriate. Carries 50% and upwards Potash. 100 lbs. \$2.60; ton \$50.00.

Sulphur, Diamond "S" Brand. One of the most valuable fertilizing materials that can be applied to the soil. Not only taken up as a powerful stimulant by practically all classes of vegetation, but making available the insoluble potash and phosphoric acid contained in all soils as well as being an effective fungicide and insecticide. Apply one to two sacks per acre. Finely powdered and 100% pure. Price 110 lbs. \$3.30. Write for prices in quantities.

Floraid. 92 times stronger than manure. Clean, odorless, stainless. For flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees. The most highly concentrated nitrogen fertilizer, containing 46% available nitrogen (equivalent to 55½% ammonia.) No other fertilizing material contains anything like as high a percentage. Nitrogen is one of the principal constituents of plant food. It is the one that is first to affect the plants, producing quick and vigorous growth. Nearly all soils are deficient in nitrogen. Use 1 oz. to the square yard worked into the surface soil after planting. ½-lb. tin 40c; postpaid 50c; 1-lb. tin 75c; postpaid 85c; 50-lb. bag \$12.00 f.o.b. Portland.

Spray Materials
Everything in Sprays,
Spray Materials, and
Insecticides. Write for
Prices.

PRICES ON FERTILIZERS ARE F.O.B. PORTLAND, Subject to Market Changes.

PORTLAND SEED CO.  PORTLAND, OREGON

Imported Granulated Peat Moss (Turf Mull)

[Far West Brand]

For the information of those who may not be acquainted with the composition of Granulated Peat and to make certain a general conception of its nature and many uses, Granulated Peat Moss (or Mull) is decomposed vegetable matter such as leaves, etc., used by Horticulturists and Nurserymen. Fertility of soil is defined as the power to produce crops. Fertility is dependent upon water, air, light, temperature, plant food in the form of chemical consistency, soil bacteria and texture. When rightly handled Peat Moss is a valuable material for maintaining the soil fertility; it adds humus, making the land more pliable, and improves the general texture.

The United States Department of Agriculture has proven that the plant's growth is directly in proportion to the water holding capacity of the soil, primarily because soil capable of moisture retention will also retain most of the other natural and immediately available plant foods. Peat Moss mixed with soil gives a greater facility for holding water; for instance, in making lawns, with Peat Moss added to the soil, it will re-

tain its moisture longer and make a more luxurious lawn. Applying to roses and other plants, it keeps the soil in better condition for the growing of the plants. Peat Moss should be used in all landscape gardening mixed with the soil. It should also be used in all bulb beds. The use of Peat Moss should usually be at the rate of one bale to about 250 square feet.

Peat Moss is not sold by weight. It comes in bales containing about 13 cubic feet and is capable of absorbing seven or eight times its weight of water.

This is the genuine imported Peat Moss. We have the FINE for nurserymen and florists; also the MEDIUM which is used mainly by poultrymen for a litter instead of straw as it has been found more satisfactory by large poultrymen and costs less for the quantity used than straw would cost. Another thing not to be lost sight of it that when used as a litter in the henhouse it makes an extra fine fertilizer for the garden or lawn after use.

FINE. Price per bale, \$3.75.

MEDIUM. Price, per bale, \$4.00.

List of Roses by Colors

For the convenience of those who prefer to select certain colors of roses we give the list below. For full description and price refer to the alphabetical list on pages 33 to 39 inclusive.

WHITE VARIETIES

	Price
British Queen	35c
Frau Karl Druschki	50c
Kais. Aug. Victoria	40c
White La France.....	50c
White Maman Cochet.....	45c

YELLOW VARIETIES

Amelia Gude	90c
Arthur R. Goodwin.....	65c
Betty	50c
Christine	90c
Cleveland	50c
Constance	55c
Duch. of Wellington.....	45c
Golden Emblem	75c
Gorgeous	55c
Harry Kirk	40c
Independence Day	\$1.50
Irish Elegance	45c
Lady Hillingdon	65c
Lady Roberts	50c
Mad. Melaine Soupert.....	55c
Mad. Ravary	75c
Marquis de Sinety	75c
Miss Wilmott	55c
Mrs. Aaron Ward.....	55c
Mrs. Arthur Waddell.....	55c
Mrs. S. K. Rindge.....	75c
Perle de'Or	75c
Rayon D'Or	50c
Souv. De Claud. Pernet.....	\$1
Sunburst	65c
Sunflower	\$1.25

BLUSH VARIETIES

	Price
Baroness Rothschild	35c
Margt. Dickson Hamill.....	50c
Mildred Grant	40c
Miss Wilmott	55c
Pres. W. R. Smith.....	45c

PINK VARIETIES

Captain Christy	55c
Cecil Brunner	50c
Columbia	55c
Conrad F. Meyer	30c
Countess Clanwilliam	50c
Dean Hole	50c
George Ahrends	55c
Hill's America	75c
Joseph Hill	60c
Killarney	50c
Lady Alice Stanley.....	45c
Lady Ashtown	50c
La France	35c
Los Angeles	60c
Lyon	50c
Madame Butterfly	50c
Mad. Caroline Testout.....	35c
Maman Cochet	45c
Mrs. Charles Russell.....	50c
Ophelia	55c
Paul Neyron	35c
Viscountess Folkstone.....	50c
William F. Dreer	65c
Winnie Davis	60c

RED VARIETIES

American Beauty	35c
Dinsmore	40c
Donald McDonald	65c

	Price
Evening Star	\$1.50
Fred J. Harrison	\$2.50
General Jacqueminot	40c
General McArthur	50c
George C. Waud	65c
Louise Cath. Breslau.....	60c
Mad. Edouard Herriot.....	60c
Miss Lolita Armour	50c
Mrs. Alfred Tate.....	50c
Mrs. Arthur Waddell.....	55c
Mrs. F. W. Vanderbilt.....	65c
Old Gold	90c
Padre	\$1.00
Papa Gontier	45c
Premier	60c
Richmond	40c
Sensation	90c
Souv. De Georges Pernet.....	\$1
The Queen Alexandra.....	\$1.50
Ulrich Brunner	35c

CRIMSON

Admiral Ward	40c
Avoca	65c
Black Prince	50c
Chateau de Clos Vougat	50c
Etoile de France	45c
George Dickson	45c
Grus An Teplitz	40c
Hadley	50c
Hoosier Beauty	60c
Hugh Dickson	35c
Irish Fireflame	55c
J. B. Clarke	40c
K of K	40c
Red Letter Day	50c

PORTLAND SEED Co.



PORTLAND, OREGON



"Miss Lolita Armour"
A magnificent
Rose ~ Chrome
yellow at base
of petals, Sha-
ded to coppery
Orange
Each 75¢